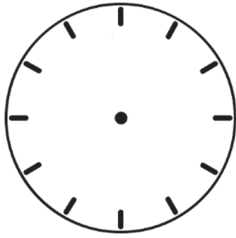
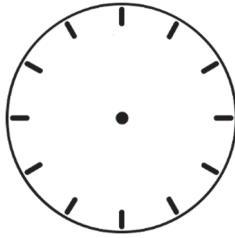


Telling Time & Adding 2-Digits

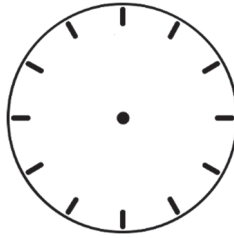
A. Draw the hands on each clock face to show the time.



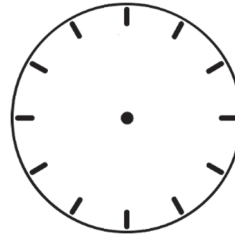
12:20



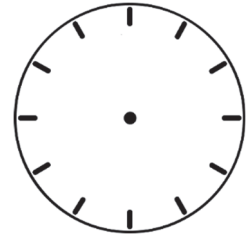
6:05



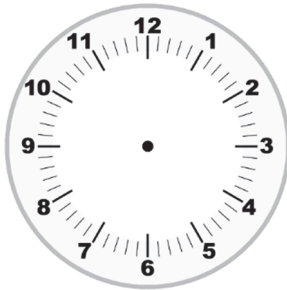
9:35



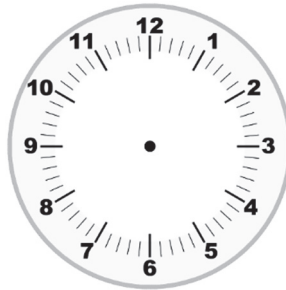
1:50



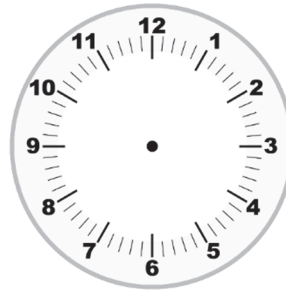
10:40



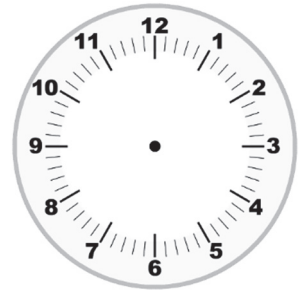
1:32



9:41



11:24



6:58

B. Solve the addition problems. The first one is done for you!

$$\begin{array}{r} 1 \\ 59 \\ + 83 \\ \hline 142 \end{array}$$

$$\begin{array}{r} 23 \\ + 74 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ + 75 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ + 58 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 94 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 86 \\ \hline \end{array}$$

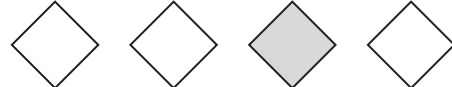
$$\begin{array}{r} 28 \\ + 68 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 42 \\ \hline \end{array}$$

Fractions & Subtracting 2-Digits

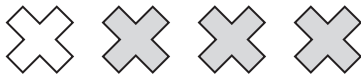
A. Write the fraction that represents the shaded parts of each group.



$$\frac{2}{3}$$














B. Solve the subtraction problems. The first one is done for you!

$$\begin{array}{r} 6 \ 14 \\ \cancel{7} \ \cancel{4} \\ - 58 \\ \hline 16 \end{array}$$

$$72$$

$$- 27$$

$$75$$

$$- 45$$

$$63$$

$$- 49$$

$$29$$

$$- 25$$

$$83$$

$$- 67$$

$$84$$

$$- 29$$

$$96$$

$$- 56$$

$$60$$

$$- 18$$

$$95$$

$$- 63$$

$$67$$

$$- 30$$

$$91$$

$$- 58$$



Adding and Subtracting Money

Add or subtract money. Don't forget the currency symbol and decimal point.

$$\begin{array}{r} \$2.00 \\ + \$3.47 \\ \hline \end{array}$$

$$\begin{array}{r} \$5.54 \\ + \$0.32 \\ \hline \end{array}$$

$$\begin{array}{r} \$8.02 \\ + \$0.16 \\ \hline \end{array}$$

$$\begin{array}{r} \$4.65 \\ + \$3.02 \\ \hline \end{array}$$

$$\begin{array}{r} \$4.13 \\ + \$4.76 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.45 \\ + \$3.24 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.46 \\ + \$6.23 \\ \hline \end{array}$$

$$\begin{array}{r} \$4.02 \\ + \$5.57 \\ \hline \end{array}$$

$$\begin{array}{r} \$6.72 \\ + \$2.15 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.42 \\ + \$5.36 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.49 \\ - \$0.32 \\ \hline \end{array}$$

$$\begin{array}{r} \$7.94 \\ - \$4.52 \\ \hline \end{array}$$

$$\begin{array}{r} \$8.56 \\ - \$0.36 \\ \hline \end{array}$$

$$\begin{array}{r} \$6.48 \\ - \$3.05 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.96 \\ - \$1.43 \\ \hline \end{array}$$

$$\begin{array}{r} \$4.58 \\ - \$0.26 \\ \hline \end{array}$$

Pound

$$\begin{array}{r} £9.58 \\ - £3.14 \\ \hline \end{array}$$

Euro

$$\begin{array}{r} €8.64 \\ - €3.42 \\ \hline \end{array}$$

Chinese Yuan

$$\begin{array}{r} ¥9.47 \\ - ¥2.17 \\ \hline \end{array}$$

Russian Ruble

$$\begin{array}{r} ₺7.63 \\ - ₺2.20 \\ \hline \end{array}$$

Estimating Sums & Adding 3-Digits

Estimate the sums by rounding the numbers to the nearest hundred. Solve the actual problems for the first four as well.

$$\begin{array}{r} 378 \rightarrow \\ + 239 \rightarrow + \\ \hline \end{array}$$



$$\begin{array}{r} 981 \rightarrow \\ + 863 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 453 \rightarrow \\ + 897 \rightarrow + \\ \hline \end{array}$$



$$\begin{array}{r} 728 \rightarrow \\ + 683 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 638 \rightarrow \\ + 550 \rightarrow + \\ \hline \text{estimate:} \end{array}$$



$$\begin{array}{r} 207 \rightarrow \\ + 554 \rightarrow + \\ \hline \text{estimate:} \end{array}$$

$$\begin{array}{r} 891 \rightarrow \\ + 626 \rightarrow + \\ \hline \text{estimate:} \end{array}$$



$$\begin{array}{r} 432 \rightarrow \\ + 237 \rightarrow + \\ \hline \text{estimate:} \end{array}$$

$$\begin{array}{r} 853 \rightarrow \\ + 728 \rightarrow + \\ \hline \text{estimate:} \end{array}$$



$$\begin{array}{r} 950 \rightarrow \\ + 394 \rightarrow + \\ \hline \text{estimate:} \end{array}$$

Estimating Differences & Subtracting 3-Digits

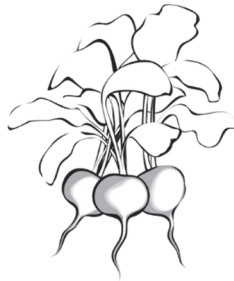
Estimate the differences by rounding the numbers to the nearest hundred.
Solve the actual problems for the first four as well.

$$\begin{array}{r} 928 \rightarrow \\ - 529 \rightarrow - \\ \hline \end{array}$$



$$\begin{array}{r} 647 \rightarrow \\ - 290 \rightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 896 \rightarrow \\ - 134 \rightarrow - \\ \hline \end{array}$$



$$\begin{array}{r} 827 \rightarrow \\ - 562 \rightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 761 \rightarrow \\ - 438 \rightarrow - \\ \hline \text{estimate:} \end{array}$$



$$\begin{array}{r} 743 \rightarrow \\ - 286 \rightarrow - \\ \hline \text{estimate:} \end{array}$$

$$\begin{array}{r} 441 \rightarrow \\ - 373 \rightarrow - \\ \hline \text{estimate:} \end{array}$$



$$\begin{array}{r} 835 \rightarrow \\ - 329 \rightarrow - \\ \hline \text{estimate:} \end{array}$$

$$\begin{array}{r} 750 \rightarrow \\ - 195 \rightarrow - \\ \hline \text{estimate:} \end{array}$$



$$\begin{array}{r} 881 \rightarrow \\ - 207 \rightarrow - \\ \hline \text{estimate:} \end{array}$$

Estimating Sums & Adding 4-Digits

A. Estimate the sums by rounding the numbers to the nearest hundred.

$$\begin{array}{r} 8584 \rightarrow \\ + 3205 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 9228 \rightarrow \\ + 6150 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 3928 \rightarrow \\ + 6249 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 7868 \rightarrow \\ + 4762 \rightarrow + \\ \hline \end{array}$$

B. Estimate the sums by rounding the numbers to the nearest thousand.

$$\begin{array}{r} 4352 \rightarrow \\ + 6787 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 8334 \rightarrow \\ + 5607 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 2983 \rightarrow \\ + 6065 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 7500 \rightarrow \\ + 7456 \rightarrow + \\ \hline \end{array}$$

C. Choose four problems above to find the exact sums. You can solve all eight problems if you want!



Estimating Differences & Subtracting 4-Digits

A. Estimate the differences by rounding the numbers to the nearest hundred.

$$\begin{array}{r} 4665 \rightarrow \\ - 1258 \rightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 8578 \rightarrow \\ - 4937 \rightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 5930 \rightarrow \\ - 1675 \rightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 7278 \rightarrow \\ - 3693 \rightarrow - \\ \hline \end{array}$$

B. Estimate the differences by rounding the numbers to the nearest thousand.

$$\begin{array}{r} 8362 \rightarrow \\ - 5756 \rightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 7432 \rightarrow \\ - 5867 \rightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 9116 \rightarrow \\ - 6569 \rightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 5819 \rightarrow \\ - 2982 \rightarrow - \\ \hline \end{array}$$

C. Choose four problems above to find the exact differences. You can solve all eight problems if you want!



Expanded Form

A. How many hundreds, tens, and ones are in the number **405**?

$$405 = \boxed{} \text{ hundreds} + \boxed{} \text{ tens} + \boxed{} \text{ ones}$$

B. Write the number **405** in expanded form, or expanded notation.

$$405 = \boxed{} + \boxed{}$$



C. Write each number in standard form.

$$70 + 6 = \underline{\hspace{2cm}}$$

$$800 + 20 + 9 = \underline{\hspace{2cm}}$$

$$500 + 4 = \underline{\hspace{2cm}}$$

$$2,000 + 70 + 1 = \underline{\hspace{2cm}}$$

$$200 + 50 = \underline{\hspace{2cm}}$$

$$3,000 + 100 + 7 = \underline{\hspace{2cm}}$$

$$900 + 40 = \underline{\hspace{2cm}}$$

$$8,000 + 200 + 90 + 5 = \underline{\hspace{2cm}}$$

D. Write each number in expanded form.

$$82 = \underline{\hspace{2cm}}$$

$$463 = \underline{\hspace{2cm}}$$

$$305 = \underline{\hspace{2cm}}$$

$$350 = \underline{\hspace{2cm}}$$

$$5,281 = \underline{\hspace{2cm}}$$

$$9,027 = \underline{\hspace{2cm}}$$



Place Value to Thousands

A. Cut out the number cards below. Read each number out loud. Put two boxes together with the biggest number first and then read what that number would be. Have someone who knows their big numbers check you.

B. Write seven of the numbers in the first column of the table in Lesson 15.

CUT ALONG DOTTED LINES

886

64

653

2,547

3,705

110

422

8,021

5,819

238



Place Value to Thousands

Pick seven numbers from the number cards in Lesson 14 and write them in the **Standard** column. Write each number in expanded and word form. Use the next worksheet **Number Words to Millions** to help you spell the words.

Standard	Expanded	Word

Number Words to Millions

Use this worksheet to help you spell the words.

1 one	11 eleven	21 twenty-one
2 two	12 twelve	22 twenty-two
3 three	13 thirteen	30 thirty
4 four	14 fourteen	40 forty
5 five	15 fifteen	50 fifty
6 six	16 sixteen	60 sixty
7 seven	17 seventeen	70 seventy
8 eight	18 eighteen	80 eighty
9 nine	19 nineteen	90 ninety
10 ten	20 twenty	100 one hundred



100	one hundred
1,000	one thousand
10,000	ten thousand
100,000	one hundred thousand
1,000,000	one million



hundred
thousand
million

Place Value Houses

Write a digit other than zero in each room in each house. Read your number.
Have someone who knows their big numbers check you.

Millions		
Hundreds	Tens	Ones

,

Thousands		
Hundreds	Tens	Ones

,

Hundreds	Tens	Ones



Millions		
Hundreds	Tens	Ones

,

Thousands		
Hundreds	Tens	Ones

,

Hundreds	Tens	Ones



Millions		
Hundreds	Tens	Ones

,

Thousands		
Hundreds	Tens	Ones

,

Hundreds	Tens	Ones



Place Value to Millions

Cut out the number cards at the bottom of the page. Put them together to make big numbers. Say each number you make. Write down two of the numbers in standard, expanded, and word form.

Standard:

Expanded:

Word:

Standard:

Expanded:

Word:

CUT ALONG DOTTED LINES

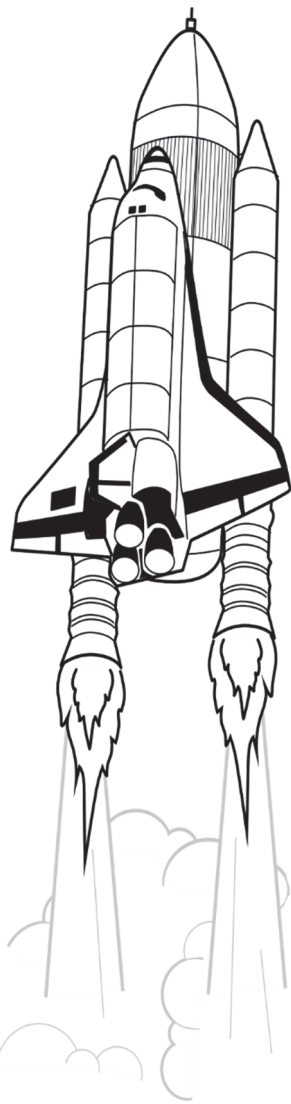
1	2	3	4	5	,
6	7	8	9	0	,

Place Value to Millions

Write the value of each underlined digit in words.



ones *tens* ten thousands ~~thousands~~
hundreds hundred thousands millions



47,531

thousands

2,429

19,270

25,286

63,744

142,625

731,823

423,212

2,254,065

8,564,159

4,378,387



Place Value to Millions

A. Write each number in expanded form.

$32,917 =$

$54,890 =$

$672,039 =$

$2,803,426 =$

$4,367,204 =$

B. Write 4-digit numbers. Then write each number in expanded form.

 $=$

 $=$

C. Write 5-digit numbers. Then write each number in expanded form.

 $=$

 $=$



Place Value to Millions

A. Write each number in standard or expanded form to complete the table.

	$7,000 + 300 + 20 + 5$
406,932	
9,312,507	

B. Write each number in standard or word form to complete the table.

12,368	
	two hundred forty-two thousand, seven hundred nineteen
4,502,587	



Mental Math

A. Add or subtract mentally. Use expanded notation or rounding.

$$58 + 66 = \underline{\hspace{2cm}}$$

$$85 - 43 = \underline{\hspace{2cm}}$$

$$372 + 798 = \underline{\hspace{2cm}}$$

$$525 - 456 = \underline{\hspace{2cm}}$$

$$852 + 247 = \underline{\hspace{2cm}}$$

$$787 + 434 = \underline{\hspace{2cm}}$$

B. Solve each word problem mentally.

Ron collects stamps. He collected 58 flower stamps and 46 bird stamps. How many stamps did Ron collect all together?

Roger has 966 red marbles and 759 blue marbles. Mark has 834 red marbles and 763 blue marbles. Who has more marbles?

Grace had 987 smiley stickers. She gave 879 of them to her sister Angela. How many stickers does Grace have now?

Mia needs to solve 35 problems. She has solved 18 problems so far. How many problems does Mia still need to solve?

Sam read 176 pages of his reading assignment last week. He read 189 pages this week. How many pages did Sam read in all?

The candy store sold 453 candies last week. It sold 328 candies this week. How many candies did the candy store sell in total?



Multiplying 2-Digits

Let's practice multiplying bigger numbers. The first two are done for you!

$$\begin{array}{r} 2 \\ 16 \\ \times 4 \\ \hline 64 \end{array}$$

$$\begin{array}{r} 3 \\ 98 \\ \times 4 \\ \hline 392 \end{array}$$

$$\begin{array}{r} 41 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 9 \\ \hline \end{array}$$



Multiplying 2-Digits

Solve the multiplication problems.

$$\begin{array}{r} 75 \\ \times 57 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \times 49 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ \times 84 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 72 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ \times 65 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ \times 75 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ \times 23 \\ \hline \end{array}$$



Multiplying 2-Digits

Solve the multiplication problems.

$$\begin{array}{r} 43 \\ \times 86 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ \times 57 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ \times 48 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 65 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ \times 47 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ \times 82 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ \times 72 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ \times 86 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ \times 55 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ \times 29 \\ \hline \end{array}$$



Multiplying 3-Digits

Solve the multiplication problems. Two problems are done for you!

$$\begin{array}{r} ^4 ^3 \\ 875 \\ \times 6 \\ \hline 5,250 \end{array}$$

$$\begin{array}{r} 616 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 253 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 411 \\ \times 56 \\ \hline 2,466 \\ +20,550 \\ \hline 23,016 \end{array}$$

$$\begin{array}{r} 746 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} 362 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 147 \\ \times 95 \\ \hline \end{array}$$

$$\begin{array}{r} 950 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 906 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 578 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 482 \\ \times 91 \\ \hline \end{array}$$

$$\begin{array}{r} 326 \\ \times 27 \\ \hline \end{array}$$



Multiplying 3-Digits

Solve the multiplication problems.

$$\begin{array}{r} 720 \\ \times 532 \\ \hline \end{array}$$

$$\begin{array}{r} 495 \\ \times 253 \\ \hline \end{array}$$

$$\begin{array}{r} 787 \\ \times 321 \\ \hline \end{array}$$

$$\begin{array}{r} 538 \\ \times 694 \\ \hline \end{array}$$

$$\begin{array}{r} 578 \\ \times 975 \\ \hline \end{array}$$

$$\begin{array}{r} 810 \\ \times 641 \\ \hline \end{array}$$

$$\begin{array}{r} 452 \\ \times 930 \\ \hline \end{array}$$

$$\begin{array}{r} 293 \\ \times 382 \\ \hline \end{array}$$



Multiplying 3-Digits

Solve the multiplication problems.

$$\begin{array}{r} 201 \\ \times 374 \\ \hline \end{array}$$

$$\begin{array}{r} 392 \\ \times 549 \\ \hline \end{array}$$

$$\begin{array}{r} 800 \\ \times 270 \\ \hline \end{array}$$

$$\begin{array}{r} 476 \\ \times 305 \\ \hline \end{array}$$

$$\begin{array}{r} 391 \\ \times 367 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ \times 746 \\ \hline \end{array}$$

$$\begin{array}{r} 820 \\ \times 342 \\ \hline \end{array}$$

$$\begin{array}{r} 564 \\ \times 486 \\ \hline \end{array}$$



Multiplying 2-Digits

Solve the multiplication problems.

$$\begin{array}{r} 31 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ \times 3 \\ \hline \end{array}$$



Multiplying 2-Digits

Solve the multiplication problems.

$$\begin{array}{r} 20 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 41 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ \times 94 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ \times 85 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ \times 92 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ \times 49 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ \times 29 \\ \hline \end{array}$$



Multiplying 3-Digits

Solve the multiplication problems.

$$\begin{array}{r} 511 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 830 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 489 \\ \times 65 \\ \hline \end{array}$$

$$\begin{array}{r} 574 \\ \times 61 \\ \hline \end{array}$$

$$\begin{array}{r} 604 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} 427 \\ \times 67 \\ \hline \end{array}$$

$$\begin{array}{r} 509 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 781 \\ \times 90 \\ \hline \end{array}$$

$$\begin{array}{r} 895 \\ \times 81 \\ \hline \end{array}$$

$$\begin{array}{r} 248 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 758 \\ \times 66 \\ \hline \end{array}$$

$$\begin{array}{r} 677 \\ \times 29 \\ \hline \end{array}$$



Multiplying 3-Digits

Solve the multiplication problems.

$$\begin{array}{r} 908 \\ \times 122 \\ \hline \end{array}$$

$$\begin{array}{r} 786 \\ \times 195 \\ \hline \end{array}$$

$$\begin{array}{r} 357 \\ \times 774 \\ \hline \end{array}$$

$$\begin{array}{r} 569 \\ \times 665 \\ \hline \end{array}$$

$$\begin{array}{r} 914 \\ \times 558 \\ \hline \end{array}$$

$$\begin{array}{r} 306 \\ \times 392 \\ \hline \end{array}$$

$$\begin{array}{r} 832 \\ \times 747 \\ \hline \end{array}$$

$$\begin{array}{r} 138 \\ \times 376 \\ \hline \end{array}$$

$$\begin{array}{r} 316 \\ \times 806 \\ \hline \end{array}$$

$$\begin{array}{r} 643 \\ \times 311 \\ \hline \end{array}$$

$$\begin{array}{r} 419 \\ \times 570 \\ \hline \end{array}$$

$$\begin{array}{r} 845 \\ \times 432 \\ \hline \end{array}$$

Estimating Products

A. Estimate each product by rounding the top number to the nearest hundred and the bottom number to the nearest ten and then multiplying the first digits.

$$\begin{array}{r} 458 \rightarrow \\ \times 34 \rightarrow \\ \hline \end{array}$$

estimate:

$$\begin{array}{r} 325 \rightarrow \\ \times 49 \rightarrow \\ \hline \end{array}$$

estimate:

$$\begin{array}{r} 913 \rightarrow \\ \times 54 \rightarrow \\ \hline \end{array}$$

estimate:

$$\begin{array}{r} 769 \rightarrow \\ \times 86 \rightarrow \\ \hline \end{array}$$

estimate:

$$\begin{array}{r} 521 \rightarrow \\ \times 87 \rightarrow \\ \hline \end{array}$$

estimate:

$$\begin{array}{r} 850 \rightarrow \\ \times 93 \rightarrow \\ \hline \end{array}$$

estimate:

$$\begin{array}{r} 926 \rightarrow \\ \times 11 \rightarrow \\ \hline \end{array}$$

estimate:

$$\begin{array}{r} 392 \rightarrow \\ \times 35 \rightarrow \\ \hline \end{array}$$

estimate:

B. Estimate the product by rounding the first number to the nearest thousand and the second number to the nearest hundred.

$$5,678 \times 504 = \boxed{} \times \boxed{} = \boxed{}$$



Estimating Products

A. Estimate each product by rounding the top number to the nearest hundred and the bottom number to the nearest ten and then multiplying the first digits. Solve the actual problems as well.

$$\begin{array}{r} 433 \rightarrow \\ \times 38 \rightarrow \\ \hline \end{array} \quad \times \quad \underline{\hspace{2cm}}$$

$$\begin{array}{r} 321 \rightarrow \\ \times 14 \rightarrow \\ \hline \end{array} \quad \times \quad \underline{\hspace{2cm}}$$

$$\begin{array}{r} 797 \rightarrow \\ \times 53 \rightarrow \\ \hline \end{array} \quad \times \quad \underline{\hspace{2cm}}$$

$$\begin{array}{r} 704 \rightarrow \\ \times 62 \rightarrow \\ \hline \end{array} \quad \times \quad \underline{\hspace{2cm}}$$

B. Find the difference between the actual and the estimated answers.

—

—

—

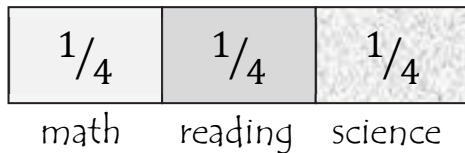
—

Fraction Word Problems I

For each word problem, make a labeled sketch and write an equation. Always reduce your answer to the equivalent fraction with the lowest denominator.

After school, Adam spent $\frac{1}{4}$ of an hour on math, $\frac{1}{4}$ on reading, and $\frac{1}{4}$ on science. What fraction of an hour did he spend on studying?

Labeled Sketch:



Equation:

$$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{4} \text{ hour}$$

Kyle had $\frac{5}{6}$ of a carton of eggs. After he used some to bake cookies, $\frac{1}{6}$ of the carton was left. What fraction of the carton did Kyle use? Can you reduce your answer by finding an equivalent fraction with a denominator of 3?

Labeled Sketch:

Equation:

The morning break lasts $\frac{5}{8}$ of an hour. During the break, Danny spent $\frac{1}{8}$ of an hour jumping rope. What fraction of an hour did he have left after that? Reduce your answer by finding an equivalent fraction with a denominator of 2.

Labeled Sketch:

Equation:

(Continued on the next page.)



Fraction Word Problems II

For each word problem, make a labeled sketch and write an equation.

The store had $\frac{5}{6}$ of a box of apples. It sold $\frac{3}{6}$ of the box in the morning. What fraction of the box did the store have left after that?

Labeled Sketch:

Equation:

Walter bought three boxes of fruit. They weigh $1\frac{2}{6}$ pounds, $1\frac{2}{6}$ pounds, and $2\frac{1}{6}$ pounds. What is the total weight of the three boxes?

Labeled Sketch:

Equation:

Tracy used $1\frac{2}{8}$ gallons of red paint, $2\frac{1}{8}$ gallons of blue paint, and $2\frac{3}{8}$ gallons of white paint to paint her house. How many gallons of paint did Tracy use in total?

Labeled Sketch:

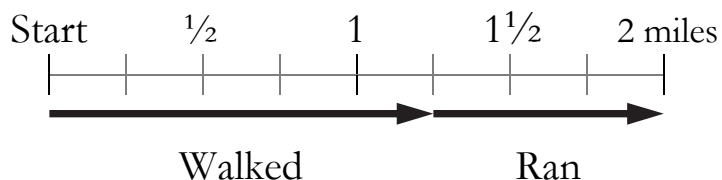
Equation:

Fraction Word Problems I

For each word problem, make a labeled sketch and write an equation. Always reduce your answer to the equivalent fraction with the lowest denominator. The track is 2 miles long. This is continued on the next page.

The city has a beautiful 2-mile trail. Claire walked the first $1\frac{1}{4}$ miles of the trail and ran the rest. How far did she run?

Labeled Sketch:

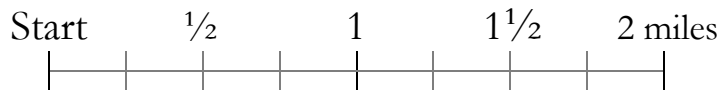


Equation:

$$2 - 1\frac{1}{4} = \frac{3}{4} \text{ mile}$$

Matt went for a walk on the trail. He walked $\frac{3}{4}$ of a mile. Then he turned around and walked back to the start of the trail. How many miles did he walk in all?

Labeled Sketch:



Equation:

Jacob decided to run the whole trail. After running $1\frac{3}{8}$ miles, he got tired and decided to walk the rest. How far did he have to walk to finish the trail?

Labeled Sketch:



Equation:

(Continued on the next page.)



Fraction Word Problems II

For each word problem, make a labeled sketch and write an equation.

Chris went for a walk on the trail. He walked $1\frac{1}{8}$ of a mile. Then he turned around and walked back to the start. How many miles did he walk in all?

Labeled Sketch:

Equation:

Laura ran to the $\frac{3}{4}$ mile marker and ran back to the $\frac{1}{4}$ mile marker. Then she turned around and ran the rest of the trail. How many miles did she run in all?

Labeled Sketch:

Equation:

Everyday Justin walks the trail. When he gets to the $1\frac{1}{4}$ mile marker, he turns around and walks back to the start. How many miles does he walk in 5 days?

Labeled Sketch:

Equation:

Long Division Lapbook

For Lessons 61 through 65, cut out the pieces as instructed to make a long division lapbook.

Division Terms

Cut this out as one piece (recommended) or divide it up into three pieces and draw the dividing line yourself. Fold each of the blank sides over the words so that the words are hidden. Write a division problem on the covers. You could write 75 for the dividend, 5 for the divisor, and 15 for the quotient. Or use your own problem.

Quotient

Divisor

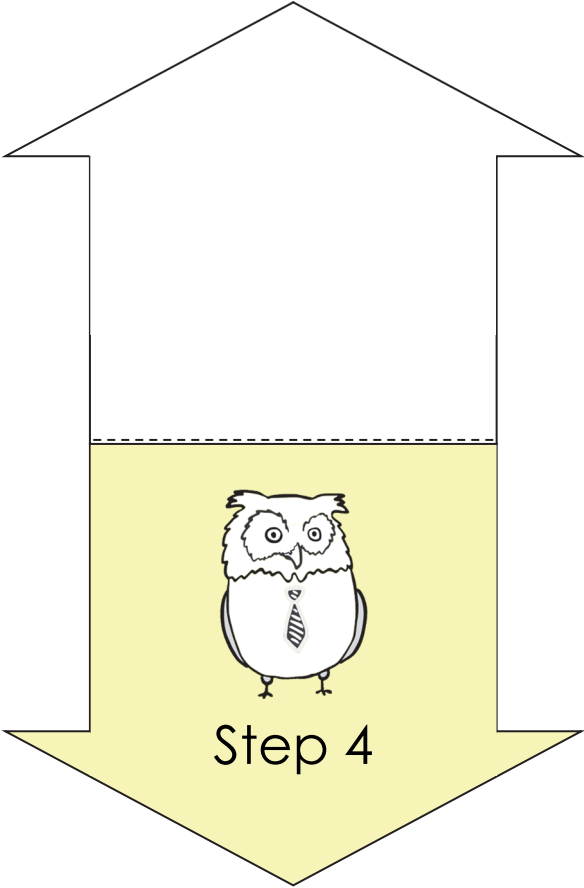
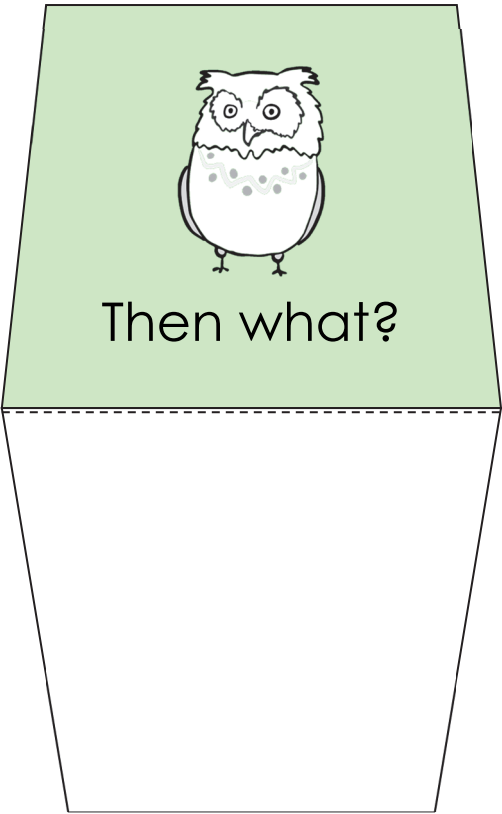
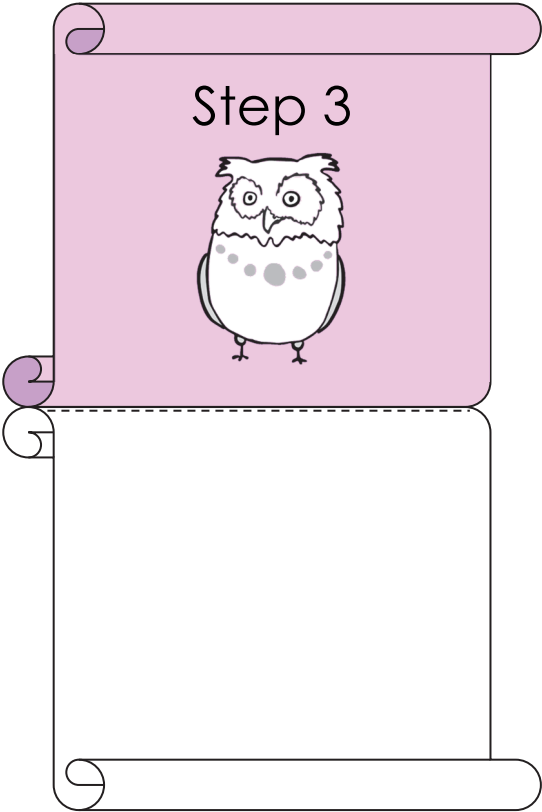
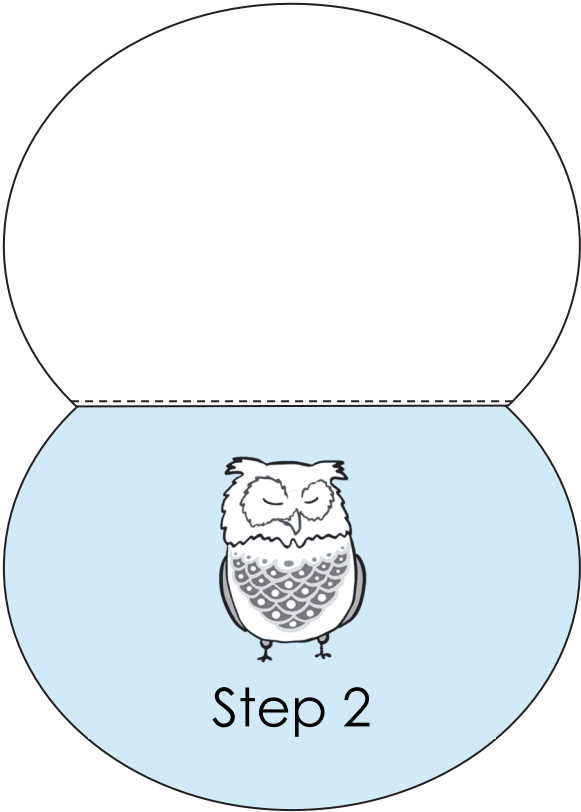
Dividend

Long Division Steps

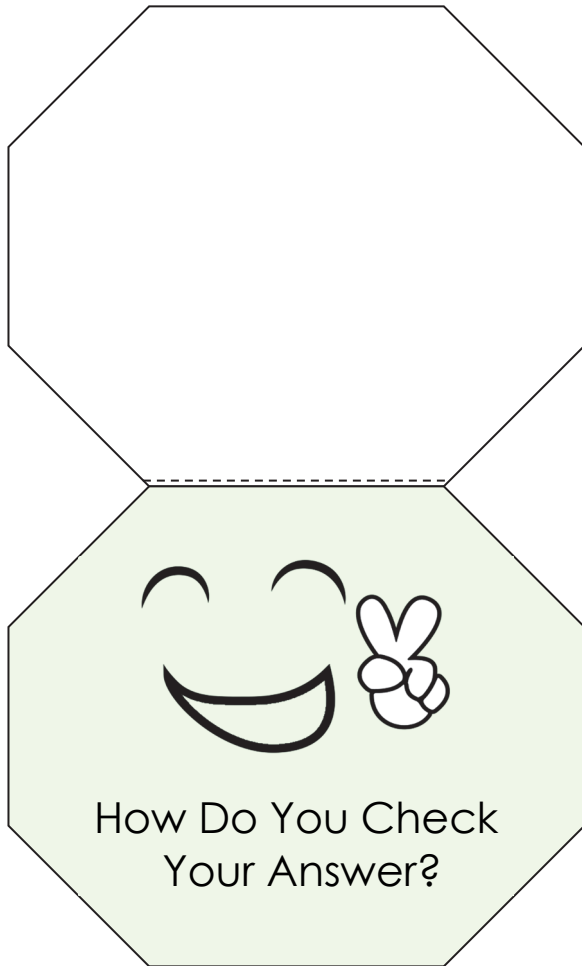
Long
Division
Steps



Individual Steps



Check Answer

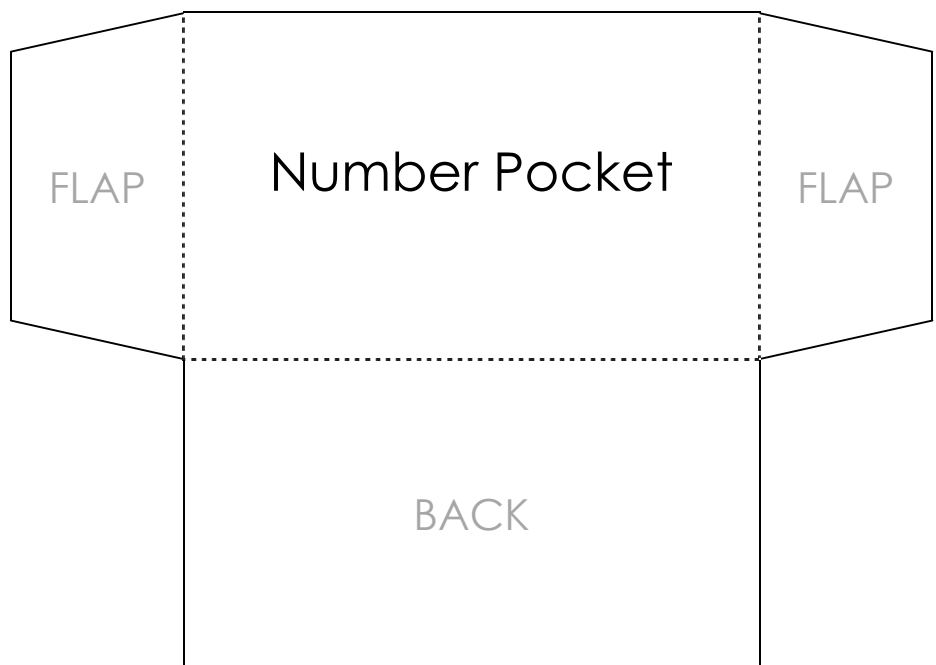


First Thing



Number Pocket

Cut out along the solid lines and fold along the dotted lines. Fold the back section up and then glue down the flaps to form a pocket. Attach to your lapbook.



Numbers

Cut out the numbers along the solid lines. Fold each number in half along the dotted line. Store the numbers in the number pocket.

Below are the numbers that will make up your practice problems. The 84 is your Dividend. The 3, 4 and 6 are your Divisors.

84	3	4	6



Below are the numbers that you will use to solve the problems. Cut out the numbers on the next page, too. There are some blanks if you need/want more.

0	0	0	1	1

Numbers (continued)

2	2	2	4	4
4	6	6	6	8
8				

Multiplying Decimals

A. Solve the multiplication problems.

$$\begin{array}{r} 0.2 \\ \times 0.8 \\ \hline \end{array}$$

$$\begin{array}{r} 0.6 \\ \times 0.4 \\ \hline \end{array}$$

$$\begin{array}{r} 0.5 \\ \times 0.9 \\ \hline \end{array}$$

$$\begin{array}{r} 0.4 \\ \times 0.2 \\ \hline \end{array}$$

$$\begin{array}{r} 0.05 \\ \times 3.7 \\ \hline \end{array}$$

$$\begin{array}{r} 0.68 \\ \times 2.4 \\ \hline \end{array}$$

$$\begin{array}{r} 0.435 \\ \times 4.6 \\ \hline \end{array}$$

$$\begin{array}{r} 0.957 \\ \times 0.8 \\ \hline \end{array}$$

B. Can you solve this riddle? Use the clues to find the 7-digit number.

	,				.			
--	---	--	--	--	---	--	--	--

Divide 79 by 7. Write the remainder in the tens and thousandths places.

Add the number in the tens place to the number of days in a week. Write the answer in the thousands and ones places.

Multiply the number in the tens place by the number in the ones place and then divide the result by 5. Write the remainder in the hundreds and tenths places.

Add 3 to the number in the tens place. Write the result in the hundredths place.



Multiplying Decimals

Solve the multiplication problems.

$$\begin{array}{r} 0.86 \\ \times 0.48 \\ \hline \end{array}$$

$$\begin{array}{r} 0.96 \\ \times 0.59 \\ \hline \end{array}$$

$$\begin{array}{r} 0.54 \\ \times 0.43 \\ \hline \end{array}$$

$$\begin{array}{r} 0.88 \\ \times 0.93 \\ \hline \end{array}$$

$$\begin{array}{r} 0.67 \\ \times 0.54 \\ \hline \end{array}$$

$$\begin{array}{r} 0.75 \\ \times 0.45 \\ \hline \end{array}$$

$$\begin{array}{r} 0.62 \\ \times 0.12 \\ \hline \end{array}$$

$$\begin{array}{r} 0.84 \\ \times 0.97 \\ \hline \end{array}$$

$$\begin{array}{r} 0.61 \\ \times 0.95 \\ \hline \end{array}$$

$$\begin{array}{r} 0.19 \\ \times 0.72 \\ \hline \end{array}$$

$$\begin{array}{r} 0.11 \\ \times 0.33 \\ \hline \end{array}$$

$$\begin{array}{r} 0.31 \\ \times 0.84 \\ \hline \end{array}$$



Three Division Formats

Write each division problem in three different formats.

using a division symbol

using a long division symbol

as a fraction

$12 \div 3$

=

=

$\frac{12}{3}$

=

$6 \overline{) 57}$

=

=

=

$\frac{17}{12}$

=

$25 \overline{) 48}$

=

$35 \div 35$

=

=

=

$18 \overline{) 50}$

=

=

=

$\frac{81}{95}$

=

$60 \overline{) 72}$

=

$57 \div 4$

=

=

=

$17 \overline{) 63}$

=



Comparing Fractions and Decimals

Compare the fractions and decimals using $<$ or $>$. Convert each fraction to a decimal by dividing the numerator by the denominator and then compare the decimals. (Hint: Stop dividing once you find out which number is bigger.)

$$0.4 \quad \bigcirc \quad \frac{1}{2} = 0.5$$

$$0.814 \quad \bigcirc \quad \frac{5}{7}$$

$$0.85 \quad \bigcirc \quad \frac{3}{4}$$

$$0.606 \quad \bigcirc \quad \frac{2}{3}$$

$$0.5 \quad \bigcirc \quad \frac{2}{5}$$

$$0.042 \quad \bigcirc \quad \frac{1}{7}$$

$$0.75 \quad \bigcirc \quad \frac{7}{8}$$

$$0.625 \quad \bigcirc \quad \frac{5}{9}$$

$$0.45 \quad \bigcirc \quad \frac{1}{4}$$

$$0.222 \quad \bigcirc \quad \frac{1}{3}$$

YOUR WORK AREA



Dividing by 1-Digit & Multiplying Fractions

A. Find the quotient and remainder for each division problem.

$$8 \overline{) 236}$$

$$7 \overline{) 150}$$

$$9 \overline{) 769}$$

$$2 \overline{) 125}$$

B. Multiply the fractions. Simplify your answers as much as possible. What should you do first?

$$\frac{1}{2} \times \frac{4}{7} =$$

$$\frac{2}{11} \times \frac{1}{6} =$$

$$\frac{3}{4} \times \frac{2}{9} =$$

$$\frac{9}{10} \times \frac{1}{3} =$$

$$\frac{2}{7} \times \frac{4}{6} =$$

$$\frac{7}{12} \times \frac{3}{4} =$$

$$\frac{3}{8} \times \frac{2}{5} =$$

$$\frac{6}{15} \times \frac{5}{9} =$$



Dividing by 1-Digit

A. Find the quotient and remainder for each division problem.

$$8 \overline{) 307}$$

$$3 \overline{) 975}$$

$$4 \overline{) 898}$$

$$7 \overline{) 566}$$

$$5 \overline{) 743}$$

$$6 \overline{) 910}$$

$$5 \overline{) 132}$$

$$2 \overline{) 809}$$

Dividing Fractions

A. Divide the fractions and whole numbers. Simplify your answers if possible.

$$2 \div \frac{1}{2} =$$

$$\frac{9}{10} \div 3 =$$

$$\frac{2}{3} \div 8 =$$

$$16 \div \frac{8}{9} =$$

$$\frac{1}{2} \div 7 =$$

$$8 \div \frac{4}{10} =$$

$$9 \div \frac{1}{3} =$$

$$\frac{3}{5} \div 12 =$$

$$\frac{3}{5} \div 9 =$$

$$5 \div \frac{7}{10} =$$

B. Can you solve this riddle? Use the clues to find the correct fraction.

$\frac{7}{8}$	$\frac{2}{6}$	$\frac{6}{4}$
$\frac{3}{12}$	$\frac{4}{8}$	$\frac{4}{9}$

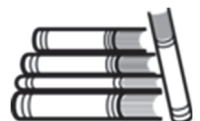
I am a proper fraction.

My value is bigger than a third.

I am not equivalent to $\frac{1}{2}$.

My numerator is even.

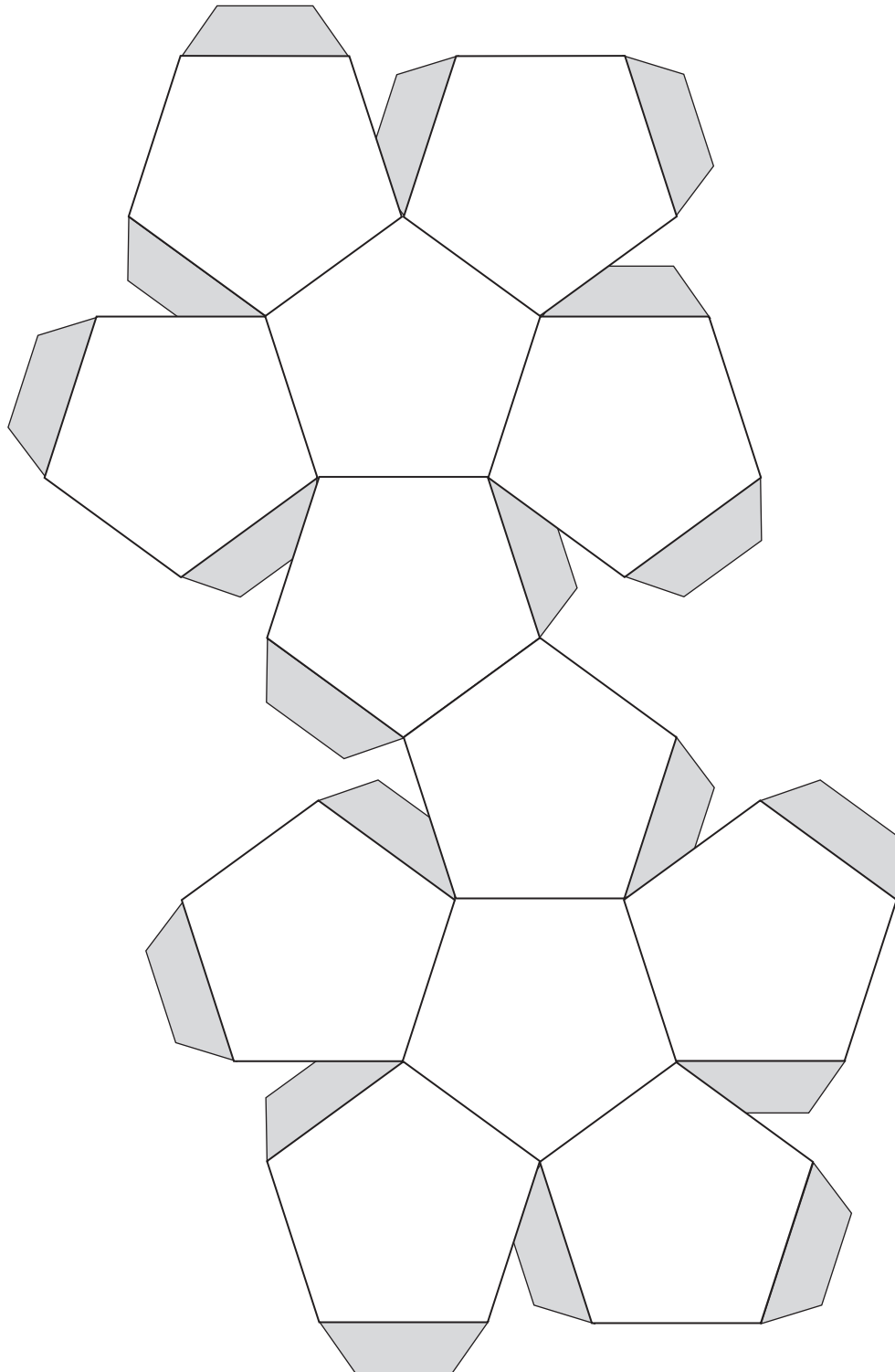
What am I? Circle me!





Dodecahedron Net

Cut the net out. Fold and paste it together to make a dodecahedron.





Adding Fractions

Add the fractions with like denominators. Simplify your answer to a mixed number, if needed. Always reduce your answers as much as possible.

$$\frac{2}{5} + \frac{2}{5} + \frac{4}{5} =$$

$$\frac{6}{8} + \frac{3}{8} + \frac{5}{8} =$$

$$\frac{3}{9} + \frac{7}{9} + \frac{11}{9} =$$

$$\frac{5}{10} + \frac{4}{10} + \frac{6}{10} =$$

$$\frac{7}{12} + \frac{9}{12} + \frac{4}{12} =$$

$$\frac{6}{15} + \frac{5}{15} + \frac{7}{15} =$$

$$\frac{9}{21} + \frac{13}{21} + \frac{11}{21} =$$

$$\frac{15}{36} + \frac{16}{36} + \frac{17}{36} =$$



Let's Review! I

A. Complete the problems.

$\begin{array}{r} 2635 \\ + \\ \hline 7350 \end{array}$	$\begin{array}{r} 5325 \\ - 2647 \\ \hline \end{array}$	$\begin{array}{r} \\ \times 5 \\ \hline 25 \end{array}$	$\begin{array}{r} 8 \\ \times \\ \hline 72 \end{array}$	$\begin{array}{r} 36 \\ \div 6 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ \div \\ \hline 9 \end{array}$
--	--	--	--	--	--

B. Count by fourths from 5 to 7.

5	$5\frac{1}{4}$							7
---	----------------	--	--	--	--	--	--	---

C. Solve each word problem. Use the space on the right for your work area.

The store sold 20 cookies for \$1.00 each. Their cost per cookie is \$0.45. What was the profit?

Three children share a box of candies equally. Each gets 7 candies. There are then 2 candies left. How many candies were in the box originally?

Find the median and range of Kate's math scores:

92, 84, 81, 76, 93, 76, 85

Median: _____

Range: _____

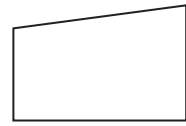
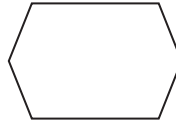
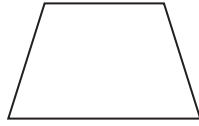
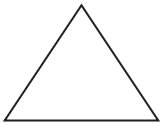
D. Complete the next worksheet, too.

Let's Review! II

D. Write your answers in the blanks provided.

✓ 700 cm = _____ m ✓ There are _____ nickels in \$2.65.

E. How many obtuse angles are within each shape?



F. Find two numbers whose product would be between 250 and 300. Can you find more pairs?

G. James wants to build a rectangular pen with 16 feet of fencing. Assuming the dimensions (length and width) are to be whole numbers, answer the following.

- Draw and label all the possible rectangles that James could make.
- Find and record the area of each rectangle.
- Color in the rectangle that gives the greatest area.

Let's Review! I

A. Solve the problems.

$$\begin{array}{r} 57655 \\ + 6847 \\ \hline \end{array} \quad \begin{array}{r} 71003 \\ - 25785 \\ \hline \end{array} \quad \begin{array}{r} 100 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 60 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 49 \\ \div 7 \\ \hline \end{array} \quad \begin{array}{r} 32 \\ \div 4 \\ \hline \end{array}$$

B. Write your answers in the blanks provided.

✓ What is 300 more than 7,845?

✓ What is the product of 3 and 6?

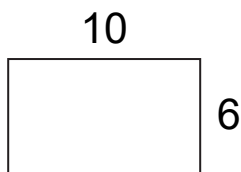
✓ How many meters are there in 3 kilometers?

✓ It's 2:15 p.m. What time will it be in 45 minutes?

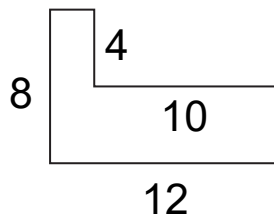
✓ 7 hundreds + 9 tens + 2 tenths + 8 hundredths =

✓ What is the digit in the ten thousands place in 23,954?

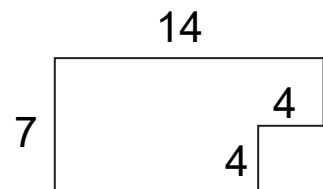
C. Calculate the area (A) of each shape.



A = _____



A = _____



A = _____

D. Complete the next worksheet, too.



Let's Review! II

D. Solve each word problem. Use the space on the right for your work area.

It takes Laura 15 minutes to walk a mile. How long will it take her to walk 6 miles?

Emily runs 20 miles each week. How many weeks will it take her to run 180 miles?

Sam and Matt have \$58 in total. Sam has \$10 more than Matt. How much money does Matt have?

Matt is studying 2-D shapes. He drew 3 rectangles and then 2 triangles. If he continues this pattern, what shape will he draw as the 28th shape?

E. Can you solve these riddles? Use the clues to find the correct answer.

I have fewer than 25 coins
but more than 10 coins.
If I put them in piles of 4 or 5,
I have 1 coin left over.
How many coins do I have?

I have fewer than 40 coins
but more than 20 coins.
If I put them in piles of 5 or 6,
I have 3 coins left over.
How many coins do I have?



Let's Review! I

A. Complete the problems.

$\begin{array}{r} 2485 \\ + 6537 \\ \hline \end{array}$	$\begin{array}{r} 7005 \\ - 4738 \\ \hline \end{array}$	$\begin{array}{r} \\ + 16 \\ \hline 50 \end{array}$	$\begin{array}{r} 11 \\ \times \\ \hline 33 \end{array}$	$\begin{array}{r} 20 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 55 \\ \div \\ \hline 11 \end{array}$
---	---	--	---	---	---

B. Write your answers in the blanks provided.

- ✓ How many 10s are in 10,000? _____
- ✓ How many nickels are in 4 quarters and 7 dimes? _____
- ✓ How many lines of symmetry does a square have? _____
- ✓ It's 5:20 p.m. What time will it be in 55 minutes? _____

C. Solve each word problem. Use the space on the right for your work area.

A recipe calls for 2 cups of flour to make 8 servings of a cake. How many cups of flour would you need to make 40 servings of cakes?

Mark is making 10 treat bags for his friends. He plans to include a 75¢ orange, a 60¢ apple, and a 25¢ banana. How much money does Mark need?

D. Complete the next worksheet, too.



Let's Review! II

D. Measure each line to the nearest quarter inch.



_____ inches



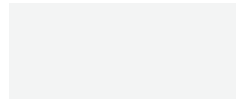
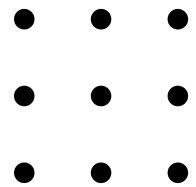
_____ inches



_____ inches

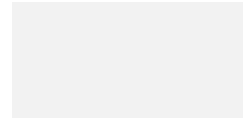
E. Can you solve these tricky problems? Take your time and think carefully!

How many rectangles can you draw by connecting any four dots on the right? Remember that a square is also a type of rectangle!

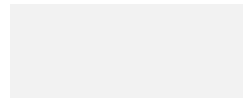


rectangles

If you multiply me by 113, subtract 93, divide by 8, and then add 241, you get 300. What number am I?



Leah had a workbook of 300 division problems. On the first day she solved 25 problems. On the second day she solved 12 more problems than the first day. If each day she solved 12 more problems than the day before, on what day would she have completed the workbook?



YOUR WORK AREA

Let's Review! I

A. Complete the problems.

8329	2400		70	30	36
+ 794	-	$\times 4$	$\times 8$	$\div$	$\div 3$
	1600	60		5	

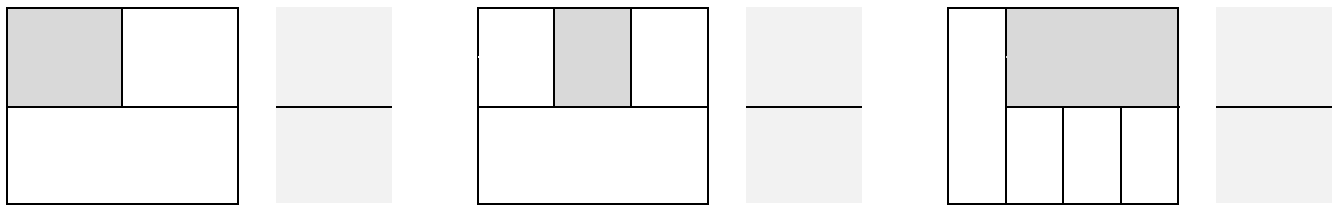
B. Write your answers in the blanks provided.

✓ How many ounces are in half of a pound? _____

✓ 5 hundreds + 35 tens + 4 tenths + 24 hundredths = _____

✓ How many pairs of parallel lines does a square have? _____

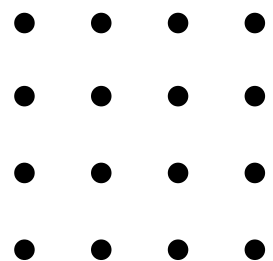
C. Write the fraction that represents the shaded part of each rectangle.



D. Can you solve this geometry puzzle? Take your time and think carefully!

How many squares can you draw by connecting any four dots on the right? Remember that a rectangle is not a square! Don't forget to count tilted squares!

_____ squares



E. Complete the next worksheet, too.



Let's Review! II

E. Solve each word problem. Use the space on the right for your work area.

Orson bought 4 cookies. He paid \$10 and received \$0.32 in change. How much did each cookie cost?

Monica solved 6 worksheets. Each worksheet had 8 problems. Fifteen of the problems were division. How many problems were not division?

Find the median and range of Mia's math scores:

90, 86, 82, 78, 96, 89, 85

Median:

Range:

Continuing from the previous question, Mia got 92 and 98 this week. Find the new median and range.

Median:

Range:

How many years would it take you to spend one million dollars if you spend \$500 a month?

How many years would it take you to spend one million dollars if you spend \$50 a day?
