

Math 4 – Mental Math

MM 4-1

1. What number is 20 more than 40? (60)
2. What number is 30 less than 60? (30)
3. Start with 6. Add 3. Subtract 4. (5)
4. Start with 8. Subtract 5. Add 3. (6)
5. What number is halfway between 20 and 30? (25)
6. Add $40+6$. (46)
7. Add $50+30$. (80)
8. How many quarters are in a dollar? (4)

MM 4-2

1. What number is 20 more than 50? (70)
2. What number is 10 less than 40? (30)
3. Start with 9. Subtract 6. Add 2. (5)
4. Start with 4. Add 7. Subtract 9. (2)
5. What number is halfway between 60 and 70? (65)
6. What is in the tens place in 432? (3)
7. What number is in the hundreds place in 687? (6)
8. How many dimes are in a dollar? (10)

MM 4-3

1. What is $30 + 60$? (90)
2. What is $80 - 40$? (40)
3. What is $3 + 6 + 4$? (13)
4. What is $5 + 5 - 6$? (4)
5. Round 46 to the nearest 10. (50)
6. Round 7,862 to the nearest thousand. (8,000)
7. What is 6 tens and 3 ones? (63)
8. What is 8 tens and 5 ones? (85)

MM 4-4

1. What is $90 - 20$? (70)
2. What is $30 + 40$? (70)
3. What is $7 + 5 + 4$? (16)
4. What is $8 + 2 + 3$? (13)
5. Round 415 to the nearest hundred. (400)
6. Round 2,232 to the nearest thousand. (2,000)
7. What is 9 tens and 6 ones? (96)
8. What is 3 hundreds, 4 tens, and 6 ones? (346)

MM 4-5

1. Of these numbers, which 2 numbers make 10? 4, 5, and 6. (4, 6)
2. Add $4 + 6 + 7$. (17)
3. What number is 3 thousands, 2 hundreds? (3,200)
4. What number is 4 hundreds, 5 tens, 2 ones? (452)
5. Sam has 2 birds, 3 cats, and 2 hamsters. How many pets does he have? (7)
6. What is 20 more than 60? (80)
7. What is 20 more than 360? (380)
8. What is 10 more than 180? (190)

MM 4-6

1. Which two of these numbers make 10? 3, 5, and 7. (3, 7)
2. Add $5 + 3 + 7$. (15)
3. What number is in the hundreds place in 3,642? (6)
4. What number is 6 hundreds and 2 ones? (602)
5. Sarah has 4 red stamps, 6 blue, and 7 green. How many stamps does she have? (17)
6. What is $30 + 40$? (70)
7. What is $20 + 130$? (150)
8. What is $40 + 410$? (450)

MM 4-7

1. Start with 300, and write the next 5 numbers. (301, 302, , 303, 304, 305)
2. Write all of the even numbers between 30 and 40. (32, 34, 36, 38)
3. What is 30 more than 120? (150)
4. What is 50 less than 170? (120)
5. What is halfway between 100 and 200? (150)
6. Add $6 + 3 + 7$. (16)
7. Add $3 + 8 + 2$. (13)
8. What is halfway between 1,000 and 2,000? (1,500)

MM 4-8

1. Start with 1,000. Write the next 5 numbers. (1001, 1002, 1003, 1004, 1005)
2. Write all the odd numbers between 50 and 60. (51, 53, 55, 57, 59)
3. What is $210 + 60$? (270)
4. What is $190 - 40$? (150)
5. What is halfway between 300 and 400? (350)
6. What is halfway between 2,000 and 3,000? (2,500)
7. Add $8 + 5 + 5$. (18)
8. Add $9 + 7 + 3$. (19)

MM 4-9

1. What number is in the tens place in 732? (3)
2. What number is in the tens place in 506? (0)
3. How much is 12 tens? (120)
4. How much is 26 tens? (260)
5. I'm thinking of a number between 20 and 40. It has a 5 in it. What number could it be? (25 or 35)
6. Add $13 + 4$. (17)
7. Add $24 + 5$. (29)
8. Add $62 + 8$. (70)

MM 4-10

1. What number is in the hundreds place in 5, 822? (8)
2. What number is in the hundreds place in 6,032? (0)
3. How much is 16 tens? (160)
4. How much is 24 hundreds? (2400)
5. Add $36 + 3$. (39)
6. Add $83 + 7$. (90)
7. Add $26 + 4$. (30)
8. Tim had 40 pages in his notebook. He tore out 10. How many are left? (30)

MM 4-11

1. Make the largest number you can with 1, 2, and 3. (321)
2. Make the smallest number you can with 1, 2, and 3. (123)
3. Round 36 to the nearest ten. (40)
4. Round 81 to the nearest ten. (80)
5. Add $3 + 9 + 7$. (19)
6. What is $10 + 16$? (26)
7. What is $20 + 32$? (52)
8. Maria had \$10. She spent \$2 on pencils and \$1 on candy. How much did she have left? (\$7)

MM 4-12

1. Round 85 to the nearest ten. (90)
2. Round 618 to the nearest hundred. (600)
3. Add $4 + 9 + 6$. (19)
4. What is $20 + 56$? (76)
5. What is $20 + 256$? (276)
6. What is $40 + 120$? (160)
7. How many nickels are in a dollar? (20)
8. How many nickels are in two dollars? (40)

MM 4-13

1. Write the even numbers between 230 and 240. (232, 234, 236, 238)
2. Write the odd numbers between 450 and 460. (451, 453, 455, 457, 459)
3. What is $200 + 426$? (626)
4. What is $400 + 210$? (610)
5. What is $20 + 150$? (170)
6. What is $40 + 620$? (660)
7. Add $26 + 20$. (46)
8. How much greater is 70 than 40? (30)

MM 4-14

1. Make the largest number you can with 2, 4, and 6. (642)
2. What number is in the tens place in 4,000? (0)
3. What is $50 + 610$? (660)
4. What is $90 - 40$? (50)
5. What is $540 - 20$? (520)
6. What is $670 - 40$? (630)
7. Subtract 20 from 78. (58)
8. Start with 9. Subtract 5. Add 4. Add 3. Subtract 2. Write the answer. (9)

MM 4-15

1. How many dimes in 2 quarters? (5)
2. How many nickels in 2 quarters? (10)
3. What time is 30 minutes after 5 o'clock? (5:30)
4. What time is 30 minutes after 5:15? (5:45)
5. What number is 8 hundreds and 4 tens? (840)
6. What number is 3 hundreds and 4 tens? (340)
7. What is $16 + 4$? (20)
8. What is $16 + 5$? (21)

MM 4-16

1. Make the smallest number you can with 8, 1, 4, and 5. (1,458)
2. How many nickels in 3 dimes? (6)
3. What time is 30 minutes after 3 o'clock? (3:30)
4. What number is 3 hundreds and 5 ones? (305)
5. What number is 2 thousands, 3 tens, and 7 ones? (2,037)
6. Add $37 + 3$. (40)
7. Add $37 + 5$. (42)

MM 4-17

1. How much is 38 tens? (380)
2. How much is 14 hundreds? (1,400)
3. How much is 56 thousands? (56,000)
4. Add $16 + 7$. (23)
5. Add $18 + 5$. (23)
6. Subtract $46 - 20$. (26)
7. Subtract $78 - 30$. (48)
8. Michael had 38 markers. He gave 20 of them to Max. How many markers does he have left? (18)

MM 4-18

1. Write the number that is 5 ones and 4 tens. (45)
2. Write the number that is 3 hundreds, 7 tens, and 2 ones. (372)
3. Start with 3. Add 4. Add 3. Add 6. Write your answer. (16)
4. Which numbers make 10 from 2, 7, and 8? (2, 8)
5. What is $30 + 60$? (90)
6. What number is halfway between 50 and 70? (60)
7. What is $80 - 40$? (40)
8. What is $38 + 20$? (58)

MM 4-19

1. How many dimes in 50 cents? (5)
2. What is $45 + 5$? (50)
3. What is 3 more than 7? (10)
4. What number is halfway between 10 and 20? (15)
5. Write any number that has 3 in the tens place. (many possible)
6. What is $22 + 8 + 30$? (60)
7. What is 10 less than 40? (30)
8. What is 10 more than 615? (625)

MM 4-20

1. How much money is 10 nickels? (50 cents)
2. What is $88 + 8$? (96)
3. What is $20 - 3$? (17)
4. Start with 10. Add 4. Subtract 7. Add 3. Write your answer. (10)
5. How many 3s in 15? (5)
6. What addition fact goes with $9 - 3 = 6$? ($3 + 6 = 9$ or $6 + 3 = 9$)
7. What is $2 + 8$? (10)
8. Which two numbers make 10 from these? 1, 7 and 9. (1, 9)

MM 4-21

1. What is 3 thousands, 6 hundreds, and 2 tens? (3,620)
2. What is $5 + 4 + 3$? (12)
3. Write the next 3 numbers. 97, 98, 99... (100, 101, 102)
4. Write a number that has 9 in the hundreds place. (many possible)
5. What is $90 - 70$? (20)
6. $9 + \text{what} = 12$? (3)
7. What is in the thousands place in 8,643? (8)
8. Susan bought some stickers. She used 5 and has 6 left. How many did she buy? (11)

MM 4-22

1. How many days are in a week? (7)
2. What is $10 + 7 - 4$? (13)
3. Write the next 3 numbers. 46, 47, 48... (49, 50, 51)
4. What is 7 thousands, 4 hundreds, and 6 ones? (7,406)
5. What is $462 + 30$? (492)
6. Start with 6. Add 6. Add 2. Add 4. Add 1. Write your answer. (19)
7. What number is in the tens place in 4,851? (5)
8. What is $600 - 10$? (590)

MM 4-23

1. Write any number that has 6 in the ones place. (many possible)
2. What is $7 + 5 + 2$? (14)
3. How many minutes are in one hour? (60)
4. What is $164 + 20$? (184)
5. $400 - 100 - 30$. (270)
6. What number is halfway between 0 and 10? (5)
7. What number is 9 thousands and 5 ones? (9,005)
8. Bill has 2 brown dogs, 3 white dogs, 1 black dog, and 5 rabbits. How many dogs does Bill have? (6)

MM 4-24

1. What time is 30 minutes after 12:10? (12:40)
2. $16 + 4 + 7$. (27)
3. What number is halfway between 30 and 40? (35)
4. Estimate the answer to $48 + 37$. (estimate: 85 or 90)
5. About how much is $53 - 32$? (about 20)
6. What is $97 - 40$? (57)
7. How many 9s in 45? (5)
8. Write a number with 2 in the tens place. (many possible)

MM 4-25

1. Start with 8. Add 3. Add 5. Add 2. Add 4. (22)
2. $653 - 100$. (553)
3. What is $191 + 10$? (201)
4. How many inches in one foot? (12)
5. What is 8 hundreds and 7 ones? (807)
6. What is $54 - 40$? (14)
7. About how much is $531 - 261$? (about 270)
8. Brent left at 3 and came back at 4. How long was he gone? (one hour)

MM 4-26

1. $55 + 6$. (61)
2. $89 - 50$. (39)
3. About how much is $250 + 301$? (about 550)
4. What is $77 + 30$? (107)
5. How many 2s in 18? (9)
6. What number is 3 thousands, 9 tens, and 1 one? (3,091)
7. What is 5 times 10? (50)
8. How many hours in a day? (24)

MM 4-27

1. How much greater is 100 than 80? (20)
2. Round 463 to the nearest hundred. (500)
3. Start with 6. Add 9. Add 5. Subtract 4. (16)
4. How much is 9 tens? (90)
5. Tom weighs 70 pounds. Shawn is 12 pounds heavier. How much does Shawn weigh? (82 pounds)
6. Write the next 3 numbers. 12, 14, 16... (18, 20, 22)
7. What number is 20 less than 90? (70)
8. Estimate $947 - 211$. (estimate: 740)

MM 4-28

1. Round 26 to the nearest ten. (30)
2. What time is 20 minutes before 6:40? (6:20)
3. Write the next 3 numbers. 15, 13, 11... (9, 7, 5)
4. How much is 4 times 100? (400)
5. How much greater is 110 than 100? (10)
6. Estimate $672 - 499$. (estimate: 170)
7. Write the number that is 4 tens and 2 ones. (42)
8. Write the number that is 3 ones and 6 tens. (63)

MM 4-29 (Day 166)

1. How many inches are in one foot? (12)
2. Write a division problem with a quotient of 5. (many possible; ex: $10/2$, $25/5$, $30/6$)
3. Round 23 to the nearest ten. (20)
4. Solve 16 times 2. (32, hint: $10 \times 2 = 20$, $6 \times 2 = 12$, add 20 and 12)
5. Which month has the fewest days? (February)

MM 4-30 (Day 167)

1. $526 + 74$. (600)
2. Do the following chain of problems. 10 divided by 2 x 2 x 3. (30)
3. What number is one less than 99? (98)
4. $10 - 6$. Is that less than, greater than, or equal to $6 + 8$? (less than)
5. Write a multiplication problem that equals 20. (many possible; ex: 5×4 , 2×10 , 1×20 , 4×5)

MM 4-31 (Day 168)

1. Round 227 to the nearest hundred. (200)
2. 60 divided by 3 plus 3 equals? (23)
3. A three-sided polygon is called? (triangle)
4. You have one dollar. You spend 60 cents. How much do you have left? (40 cents)
5. 100 divided by 25 equals? (4)

MM 4-32 (Day 169)

1. Write the numeral for seven hundred and thirty. (730)
2. What is one half of 40? (20)
3. How much money is 2 quarters and 4 dimes? (90 cents)
4. $555 + 444$. (999)
5. 60×8 . (480)

MM 4-33 (Day 170)

1. Round 51 to the nearest ten. (50)
2. $6,007 - 7$. (6,000)
3. Solve $16 + 4 + 36$. (56)
4. 72 divided by 9 equals? (8)
5. 1 times 2 times 3 times 4. (24)

MM 4-34 (Day 171)

1. $6 + 80 + 3,000$. (3,086)
2. 120 divided by 6 equals? (20)
3. Do the following chain. 8 divided by 2 minus 1 times 5. (15)
4. Round 354 to the nearest 10. (350)
5. 90 times 5. (450)

MM 4-35 (Day 172)

1. Round 121 to the nearest hundred. (100)
2. What time would it be 3 hours after 9 o'clock? (12 o'clock)
3. Which metric unit would be best to measure the length of your foot? (centimeters)
4. True or false? All squares are rectangles. (true)
5. 36 divided by 6 equals? (6)

MM 4-36 (Day 173)

1. Do the following chain. $3 \times 5 - 0 + 14$. (29)
2. Estimate $88 - 42$ to the nearest ten. (50)
3. Round 52,798 to the nearest thousand. (53,000)
4. $64 + 36$. (100)
5. 5 minutes before 9am is what time? (8:55am)

MM 4-37 (Day 174)

1. Solve $72 - 9$. (63)
2. What number is one more than 999? (1000)
3. $7 \times 6 \times 2$ equals? (84; hint: multiply 6×2 first and then 12×7)
4. On a polygon, two edges meet to form what? (a vertex)
5. Bonus question: March has how many days? (31)

MM 4-38 (Day 175)

1. What is one sixth of 54? (9)
2. How much time passes between 2:50pm and 9:00pm? (6 hours and 10 minutes)
3. Multiply $5 \times 6 \times 10$. (300)
4. A rectangle with a length of 12 inches and a width of 5 inches has a perimeter of what length? (34)
5. Write the number for one thousand nine. (1,009)