

MM 8-1

1. $58 + 6 = (64)$.
2. What is x , if $x + 5 = 7$. (2)
3. What is 56 times $1/10$? (5.6)
4. What is $_$ of 20? (15)
5. How many inches in 9 ft.? (108)

MM 8-3

1. Estimate 196×52 . (10,000)
2. $48 + 62 = ?$ (110)
3. What is M if $M + 3 = 10$? (7)
4. What is 62 times 5 tenths. (31)
5. What is $1/8$ of 40? (5)

MM 8-2

1. What is the reciprocal of 8? ($1/8$)
2. What is 5% of 100? (5)
3. 5 minus 2 and 7 tenths is? (2.3)
4. Mary has 5 times as much money as Bob. If Bob has 40 cents, how much money does Mary have? (\$2)
5. $5 \frac{1}{3}$ yards equal how many ft.? (16 ft.)

MM 8-4

1. What is $2/3$ of 21? (14)
2. Seven minus 2 and 3 tenths. (4.7)
3. If a quart of milk costs 50 cents, what is the cost of a gallon? (\$2)
4. What is 1% of 50? (.5)
5. What is the reciprocal of 100? ($1/100$)

MM 8-5

1. Carla has half as much money as Julie. Julie has \$4.44. How much does Carla have? (\$2.22)
2. What is 27 divided by 2? (13.5)
3. 947×10 . (9,470)
4. $51 + 49 = ?$ (100)
5. What is 100 times 9 tenths? (90)

MM 8-7

1. If a lb. of candy costs \$2.80, what would 8 oz. cost? (\$1.40)
2. $5^2 = ?$ (25)
3. How many eighths in 4? (32)
4. Eight minus seven and nine tenths = ? (.1)
5. If $x - 5 = 12$, what is x? (17)

MM 8-6

1. Six and one half minus two and one fourth = ? (4 $\frac{1}{2}$)
2. If a dozen oranges cost \$1.80, what would 6 oranges cost? (90 cents)
3. What is 100% of 42.5? (42.5)
4. 2 yds. equals how many ft.?
5. If $k = 7$, what does $k + 6$ equal? (13)

MM 8-8

1. Henry has $\frac{1}{2}$ as much money as Alice. Alice has \$2. How much money does Harry have? (\$1.50)
2. How many $\frac{1}{10}$'s in 10? (100)
3. $38 + 69 = ?$ (107)
4. $\frac{2}{3} - \frac{1}{6} = ?$ ($\frac{1}{2}$)
5. What is 20% of 10? (2)

MM 8-9

1. What is the reciprocal of $9/10$?
($10/9$)
2. What is 58 divided by 10? (5.8)
3. How many yds. in 30 ft.? (10)
4. Estimate 4×49 . (200)
5. What is $2 _$ times 8? (20)

MM 8-11

1. Six minus two and three fourths = ?
(3 $_$)
2. Estimate 53×81 . (4000)
3. What is 50% of 11? (5.5)
4. $_ - 1/8 = ?$ ($5/8$)
5. $108 + 999 = ?$ (1107)

MM 8-10

1. If tape costs 45 cents a yd., what would 1 ft. cost? (15 cents)
2. Pencils are 5 cents each. Notebooks are \$1 each. How much would 3 pencils and 2 notebooks cost? (\$2.15)
3. Jolene has 3 $_$ times the money as Bill. Bill has \$4. How much more money does Jolene have? (\$14)
4. $8^1 = ?$ (8)
5. $_ \text{ yd. equals how many feet?}$ (1 $_$)

MM 8-12

1. What is the reciprocal of $1/100$?
(100)
2. How many fifths in 6? (30)
3. What is 90 times three tenths? (27)
4. What is 99 divided by 10? (9.9)
5. If $x + 5 = 5$, what is x ? (0)

MM 8-13

1. What is 50% of 1? (.5)
2. What is the area of a triangle with a base of 6 in. and a height of 8 in. (24 square inches)
3. What is $\frac{2}{3} \times \frac{2}{3}$? ($\frac{4}{9}$)
4. How many quarts in 5 gal.? (20)
5. What is 25% of 100? (25)

MM 8-15

1. $\frac{7}{8} - _ = ?$ ($\frac{1}{8}$)
2. What is 10% of 150? (15)
3. $2^3 = ?$ (8)
4. How many thirds in $2 \frac{1}{3}$? (7)
5. What is $_ \times _$? ($\frac{3}{16}$)

MM 8-14

1. What is 2010 divided by 100? (20.1)
2. What is $\frac{1}{3}$ of $_$? ($\frac{1}{6}$)
3. Apples are 8 cents each. Oranges are 11 cents each. What would 3 of each cost? (57 cents)
4. 10 is what % of 5? (200)
5. What is 5 and 3 tenths plus 8? (13.3)

MM 8-16

1. Paints costs 50 cents a pint, brushes cost \$1.50. How much would 3 pints of paint and 2 brushes cost? (\$4.50)
2. What is $_ \times _$? ($\frac{3}{8}$)
3. What is the area of a triangle with a base of 8 in. and a height of 1 in.? (4 squares inches)
4. What is $\frac{5}{6}$ of $_$? ($\frac{5}{12}$)
5. What is 60% of 100? (60)

MM 8-17

1. Estimate 83×72 . (5600)
2. How many cups in 1 pt.? (2)
3. What is 108 divided by 10? (10.8)
4. $\frac{5}{6} - \frac{1}{6}$ in lowest terms. ($\frac{2}{3}$)
5. What is $\frac{3}{5}$ of 40? (24)

MM 8-19

1. If bananas cost ten cents each and pears cost 12 cents each, what would 3 bananas and 4 pears cost? (78 cents)
2. What is 2 and 5 tenths plus 3 and 5 tenths? (6)
3. What is 25% of 80? (20)
4. What is $\frac{7}{8} \times 1$? ($\frac{7}{8}$)
5. What is the area of a triangle with a base of 10 m. and a height of 10 m.? (50 square meters)

MM 8-18

1. What is 3% of 100. (3)
2. $8^0 = ?$ (1)
3. What is the reciprocal of $\frac{7}{11}$? ($\frac{11}{7}$)
4. I walked 5280 ft. How much less would I walk if I went 1760 yds.? (none)
5. What is 500 times one tenth? (50)

MM 8-20

1. Estimate $61 - 29$. (30)
2. $\frac{9}{10} - _ = ?$ ($\frac{4}{10}$)
3. What is $\frac{1}{5}$ of 5? (1)
4. How many lbs. in 2 tons? (4000)
5. What is 50% of 4.2? (2.1)

MM 8-21

1. What is $4/5 \times 2/3$? (8/15)
2. One to the 22nd power = ? (1)
3. Mary paid \$2.50 a piece for baby lambs. What would 3 lambs cost? (\$7.50)
4. 4 is what % of 1? (400)
5. How many fourths in 40? (160)

MM 8-23

1. What is $\frac{1}{2}$ of $\frac{1}{2}$? (9/16)
2. What is 4 and 3 tenths plus 4 and 7 tenths? (9)
3. $1 \frac{1}{2} - \frac{1}{2} = ?$ (1 $\frac{1}{2}$)
4. How many cups in 1 qt.? (4)
5. What is 100% of 7? (7)

MM 8-22

1. What is the area of a triangle with a base of 16 in. and a height of 2 in.? (16 square inches)
2. What is $1/5 \times 10$? (2)
3. What is $8.4 / 10$? (.84)
4. Estimate $103 - 49$. (50)
5. What is 25% of 200? (50)

MM 8-24

1. What is $4/7 \times 2/5$? (8/35)
2. 286 to the first power = ? (286)
3. If marbles cost \$1.20 a doz., what would three marbles cost? (30 cents)
4. Six is what % of 3? (200)
5. What is the area of a triangle whose base is $\frac{1}{2}$ in. and height is 20 in.? (5 inches)

MM 8-25

1. What is 4 and 3 tenths plus 9 and 8 tenths? (14.1)
2. Estimate $202 - 39$. (160)
3. If $x/2 = 10$, what does x equal? (20)
4. Round to tenths 68.56. (68.6)
5. What is $5 - 1 \frac{5}{6}$? ($3 \frac{1}{6}$)

MM 8-27

1. If $x/5 = 5$, what does x equal? (25)
2. 218 to the 0 power equals? (1)
3. What is 25% of 4? (1)
4. What is $\frac{7}{8} \times \frac{1}{2}$? ($\frac{7}{16}$)
5. What is 40% of 40? (16)

MM 8-26

1. What is $\frac{9}{10} \times \frac{9}{10}$? ($\frac{81}{100}$)
2. What is 9.6 divided by 10? (.96)
3. What is $\frac{7}{8}$ of 1? ($\frac{7}{8}$)
4. Two is what percent of 1? (200)
5. How many cups in one gallon? (16)

MM 8-28

1. Round to tenths 4.088. (4.1)
2. Estimate $981 - 208$. (770)
3. What is $11 - 2 \frac{1}{2}$? ($8 \frac{1}{2}$)
4. What is 3 tenths plus 9 tenths? (1.2)
5. What is $\frac{1}{5}$ of $\frac{3}{5}$? ($\frac{3}{25}$)

MM 8-29

1. 20 is what % of 4? (500)
2. Write $\frac{2}{3} + \frac{2}{3}$ as a mixed number?
(1 $\frac{1}{3}$)
3. How many qts. in 2 gal.? (8)
4. Write $3 \times 3 \times 3$ in exponential form.
(3^3)
5. What is 48.5 divided by 100? (.485)

MM 8-31

1. Round to the nearest tenth 99.99
(100)
2. What is $_ + \frac{2}{4}$ as a mixed number?
(1 $_$)
3. What is $12 - 6 \frac{6}{7}$? ($5 \frac{1}{7}$)
4. If 3 apples cost 60 cents, what would
9 apples cost? (\$1.80)
5. 3 is what % of 1 $_$? (200)

MM 8-30

1. What is 9 tenths plus 9 tenths plus 9
tenths? (2.7)
2. Estimate $2008 - 194$. (1800)
3. What is 25% of 1? (.25)
4. If $\frac{x}{3} = 6$, what does x equal? (18)
5. What is $_$ of $\frac{1}{6}$? ($\frac{1}{24}$)

MM 8-32

1. What is 7 tenths plus 5 and 7 tenths?
(6.4)
2. Write $4 \times 4 \times 4$ in exponential form.
(4^3)
3. If $\frac{x}{10} = 10$, what does x equal?
(100)
4. $7.2 \div 2 =$ (3.6)
5. What is 25% of 40? (10)

MM 8-33

1. What is 69.8 divided by 100? (.698)
2. What is $\frac{7}{8} + \frac{5}{8}$ as a mixed number? (1 $\frac{1}{2}$)
3. Round to the nearest tenth 46.01. (46)
4. What is $\frac{3}{5}$ of $\frac{3}{5}$? ($\frac{9}{25}$)
5. Estimate $2480 - 500$? (2000)

MM 8-34

1. What is $\frac{7}{9} + \frac{7}{9}$ as a mixed number? (1 $\frac{5}{9}$)
2. What is $5 - 3\frac{3}{8}$? (1 $\frac{5}{8}$)
3. If two candy bars cost 60 cents, what would 10 candy bars cost? (\$3)
4. $5.5 / 10 =$ (.55)
5. 8 is what % of 2? (400)

MM 8-35

1. An 8-sided polygon is called what? (an octagon)
2. Write $2 \times 2 \times 2 \times 2 \times 2$ in exponential form. (2^5)
3. $6.6 / 2 =$ (3.3)
4. If $x + 9 = 17$, what is x? (8)
5. What is 25% of 60? (15)

MM 8-36

1. What is 10.1 divided by 10? (1.01)
2. What is $16 - 15\frac{7}{8}$? ($\frac{1}{8}$)
3. If $x/7 = 3$, what is x? (21)
4. Round to tenths 56.91. (57.0)
5. What is $\frac{5}{8} + \frac{5}{8} + \frac{5}{8}$ as a mixed number? (1 $\frac{7}{8}$)

MM 8-37

1. If $x / 2.5 = 1$, what does $x = ?$ (2.5)
2. What is $2/3 + 2/3 + 2/3$ as a mixed number? (2)
3. Write $1 \times 1 \times 1 \times 1$ in exponent form. (1^4)
4. If 10 plums cost \$.90, what would 3 plums cost? (\$.27)
5. What is $1 - 7/8$? ($1/8$)

MM 8-39

1. If $x / 100 = 5$, what does x equal? (500)
2. A new car can hold 6 people; how many people can 6 cars hold? (36)
3. $5^3 =$ (125)
4. $3 _ \times 4 =$ (13)
5. If eggs cost \$1.20 a dozen, what would 5 eggs cost? (\$.50)

MM 8-38

1. What is 4 divided by 10? (.4)
2. If $x - 9 = 12$, what is x ? (21)
3. A three-sided polygon is called what? (triangle)
4. $8.4 / 4 = ?$ (2.1)
5. What is $_ \%$ of 200? (1)

MM 8-40

1. What is $1/3 + 1/3 + 1/3 + 1/3$ as a mixed number? ($1 \frac{1}{3}$)
2. If $x + 5 = 20$, what is x ? (15)
3. What is $_ \%$ of 100? (.5)
4. A truck can carry 2000 lbs. How many lbs. can 9 trucks carry? (18,000 lbs.)
5. If bananas cost \$.75 for 5, what would 15 bananas cost? (\$2.25)

MM 8-41

1. What is 88.88 divided by 10? (8.888)
2. $2^5 = (32)$
3. A six-sided polygon is called what?
(hexagon)
4. $9.6 / 2 = (4.8)$
5. $4 _ \times 6 = (27)$

MM 8-43

1. A carton will hold 1 _ dozen eggs.
How many eggs will 4 cartons hold?
(72)
2. $9.3 / 3 = (3.1)$
3. Apples are three for \$.18. What
would a dozen apples cost? (\$.72)
4. $3 \frac{1}{5} \times 5 = (17.5)$
5. A ten sided polygon is called what?
(decagon)

MM 8-42

1. What is $6 - 2 \frac{4}{5}$? ($3 \frac{1}{5}$)
2. A school bus can carry 45 people.
How many people can 4 buses carry?
(180)
3. $1^{324} = (1)$
4. Bread is two loaves for \$.70. What
would 3 loaves cost? (\$1.05)
5. If $x - 5 = 7$, what is x? (12)

MM 8-44

1. What is _% of 400? (2)
2. $66^1 = (66)$
3. What is the reciprocal of $\frac{4}{9}$? ($\frac{9}{4}$)
4. What is 100% of \$8? (\$8)
5. $283 - 9 = (274)$

MM 8-45

1. What is 8.1 divided by 10? (.81)
2. $16 - 2 \frac{7}{8} = (13 \frac{1}{8})$
3. $10.4 / 2 = (5.2)$
4. $6 \frac{2}{3} \times 3 = (20)$
5. A six-sided polygon is called what? (hexagon)

MM 8-47

1. $654 - 18 = (636)$
2. If $x = 5$, what is $10x$? (50)
3. If $x - 6 = 6$, what is x ? (12)
4. Round to the nearest tenth: 828.65 (828.7)
5. How many days in 15 wks.? (105)

MM 8-46

1. What is $_ \%$ of 50? (.25)
2. What is the reciprocal of $2 \frac{1}{9}$? ($\frac{9}{19}$)
3. $3^4 = (81)$
4. Candy bars cost 3 for \$1. How much would 15 cost? (\$5)
5. $40 - 5 \frac{5}{9} = (34 \frac{4}{9})$

MM 8-48

1. $3^0 = (1)$
2. $3 \frac{1}{3} \times 3 = (10)$
3. What is the reciprocal of 5? ($\frac{1}{5}$)
4. What is 100% of 80? (80)
5. Shoes are 2 pair for \$89. How much would one pair cost? (\$44.50)

MM 8-49

1. What is the reciprocal of $16 \frac{4}{5}$?
($\frac{5}{64}$)
2. $67 - 16 \frac{3}{8} = (50 \frac{5}{8})$
3. If $x = 3$, what is $2 \frac{1}{3x}$? (7)
4. $56 \div 10 = (5.6)$
5. 5 is what % of 20? (25%)

MM 8-51

1. If $x = 8$, what is $2 \frac{1}{2x}$? (20)
2. $6 \frac{1}{2} \times 6 = (39)$
3. What is the reciprocal of $8 \frac{1}{3}$? ($\frac{3}{25}$)
4. How many months in 4 years? (48)
5. $875 \div 10 = (87.5)$

MM 8-50

1. 10 is what % of 100? (10%)
2. What is $\frac{1}{4}$ % of 100? (.25)
3. Round to the nearest hundred:
4826.9 (4800)
4. What is 200% of 8? (16)
5. $441 - 7 = (434)$

MM 8-52

1. $24 - 4 \frac{1}{5} = (19 \frac{4}{5})$
2. If $x = 1$, what is $9 \frac{1}{2x}$? (9 $\frac{1}{2}$)
3. $5 \times .8 = (4)$
4. Estimate the sum of 89 and 69. (160)
5. What is 8% of 40? (3.2)

MM 8-53

1. What is $_$ % of 200? (.5)
2. Round to the nearest hundred:
18,586. (18,600)
3. 3 is what % of 6? (50%)
4. $48 / 10 =$ (4.8)
5. What is 100% of 96? (96)

MM 8-55

1. $38 - 6 \frac{1}{7} =$ ($31 \frac{6}{7}$)
2. If $x = _$, what is $5x$? ($1 _$)
3. Round to the nearest hundred: 4,866.
(4,900)
4. Estimate the sum of 103 and 196.
(300)
5. $22 \times .2 =$ (4.4)

MM 8-54

1. $16 \times .2 =$ (3.2)
2. What is 200% of 1? (2)
3. How many weeks in 2 years? (104)
4. If $x = _$, what is $12x$? (6)
5. What is 6% of 20? (1.2)

MM 8-56

1. What is 1000% of 5? (50)
2. What is 10% of 80? (8)
3. $386 / 100 =$ (3.86)
4. 12 is what % of 12? (100%)
5. How many days in 40 weeks? (280)

MM 8-57

1. If $x / 2 = 10$, what does x equal? (20)
2. What is $\frac{1}{3}$ of 19? (9 $\frac{1}{3}$)
3. $86 \times .2 =$ (17.2)
4. Write 50% as a fraction. ($\frac{1}{2}$)
5. What is 5% of 60? (3)

MM 8-59

1. What is the perimeter of a 3 by 5 inch rectangle? (16 inches)
2. $255 / 10 =$ (25.5)
3. If $x / 5 = 100$, what does x equal? (500)
4. $17 \times .3 =$ (5.1)
5. What is $\frac{1}{4}$ of 25? (12.5)

MM 8-58

1. Estimate the sum of 101, 196, and 198. (500)
2. Write 80% as a fraction. ($\frac{4}{5}$)
3. How many months in 10 years? (120)
4. $\frac{3}{8}$ of 40 = (15)
5. What is 9% of 50? (4.5)

MM 8-60

1. $-8 \times -9 =$ (72)
2. 9 is what % of 36? (25%)
3. Write 30% as a fraction. ($\frac{3}{10}$)
4. $\frac{4}{5}$ of 30 = (24)
5. Estimate the sum of 98, 49, and 51. (200)

MM 8-61

1. $380 \div 10 = (38)$
2. Estimate the sum of 489 and 610.
(1100)
3. What is 20% of 20? (4)
4. What is $\frac{1}{5}$ of 30? (6)
5. If $x \div 8 = 1$, what does x equal? (8)

MM 8-63

1. If $x \div 100 = 6$, what does x equal?
(600)
2. $28 \times .1 = (2.8)$
3. What is the perimeter of a 5 b 8 foot rectangle? (26 feet)
4. How many hours from 6 a.m. to 4 p.m.? (10 hours)
5. $6 \times -8 = (-48)$

MM 8-62

1. Write 75% as a fraction. ($\frac{3}{4}$)
2. Round 5.68 to the nearest tenth. (5.7)
3. 7 is what % of 70? (10)
4. $\frac{9}{10}$ of 100 = (90)
5. $-6 \times -11 = (66)$

MM 8-64

1. What is $\frac{1}{4}$ of 41? (20.5)
2. How many hours from 6 p.m. to 1 a.m.? (7 hours)
3. What is 25% of 20? (5)
4. $-6 \times -6 = (36)$
5. Write 77% as a fraction. ($\frac{77}{100}$)

MM 8-65

1. $5/6$ of 30 = (25)
2. What is the quotient of 160 and 20?
(8)
3. What is the perimeter of a 9 by 8 meter rectangle? (34 meters)
4. $-8 \times 10 = (-80)$
5. Round .856 to the nearest tenth. (.9)

MM 8-67

1. $-10 \times -14 = (140)$
2. What is the area of a square whose side is 5 inches? (25 sq. inches)
3. What is 69.8 divided by 100? (.698)
4. What is $\frac{1}{4}$ of 32? (8)
5. $6 + (8 / 2 \times 7) = (34)$

MM 8-66

1. What is 20% of 60? (12)
2. What is the area of a square with a side of 9 inches? (81 sq. inches)
3. $-32 \times -2 = (64)$
4. How many hours from 10 p.m. to 6 a.m.? (8)
5. Write 18% as a fraction. (9/50)

MM 8-68

1. $-8 \times +6 = (-48)$
2. What is the quotient of 1000 and 20?
(50)
3. $-4 + -9 = (-13)$
4. $2/3$ of 60 = (40)
5. $-36 / -9 = (4)$

MM 8-69

1. What is the perimeter of a 7 by 8 inch rectangle? (30 inches)
2. How many hours from 5 p.m. to 6 a.m.? (13 hours)
3. $6 \times -4 = (-24)$
4. Round 8.99 to the nearest tenth. (9.0)
5. What is 80% of 20? (16)

MM 8-71

1. What is 10% of 1? (.1)
2. $-9 \times 6 = (-54)$
3. $-18 / 2 = (-9)$
4. What is the quotient of 86 and 2? (43)
5. What is the area of a square whose side is 9 inches? (81 sq. inches)

MM 8-70

1. $2 _ + 8 _ = (11)$
2. Write 12_% as a fraction. (1/8)
3. What is 10% of 2000? (200)
4. $-5 + 8 = (3)$
5. Write 1/8 as a decimal. (.125)

MM 8-72

1. $-9 / -3 = (3)$
2. Round 5.449 to the nearest tenth. (5.5)
3. What is 10% of 6? (.6)
4. $-6 + -9 = (-15)$
5. $12 \times -5 = (-60)$

MM 8-73

1. $24 \div -8 = (-3)$
2. $-9 + -9 = (-18)$
3. What is the square of 9? (81)
4. $30 \times 600 = (18000)$
5. $4^3 = (64)$

MM 8-75

1. Write $\frac{3}{4}$ as a decimal. (.75)
2. What is three cubed? (27)
3. Write 87 $\frac{1}{2}$ % as a fraction. (7/8)
4. What is 200% of 8? (16)
5. What is the area of a square whose side is 20 inches? (80 sq. inches)

MM 8-74

1. $-600 \div -3 = (200)$
2. What is 1 to the 10th power? (1)
3. What is 16% of 100? (16)
4. Find the square root of 36. (6)
5. What is the quotient of 222 and 2?
(111)

MM 8-76

1. What is 40×40 ? (1600)
2. 62 $\frac{1}{2}$ % is how many eighths? (5)
3. What is the square root of 144? (12)
4. $-8 + 9 = (1)$
5. What is 48% of 200? (96)