

Name: \_\_\_\_\_



# Math Buzz

Multiply.

$$\underline{\hspace{2cm}} = 78.3 \times 6$$

$$\begin{array}{r} 64.72 \\ \times \quad 8 \\ \hline \end{array}$$

Find the product of  
9 and 2.59.

Fill in the missing numbers to complete each sentence.

\_\_\_\_\_ is 10 times as much as 0.906.

\_\_\_\_\_ is  $\frac{1}{10}$  of 584.



# Preview

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Write the prime factorization for 12.

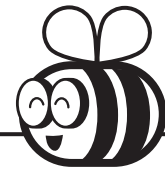
$$12 = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$$

Find the difference.

$$80 \text{ ft } 4 \text{ in.} - 45 \text{ ft } 7 \text{ in.} =$$

$$\underline{\hspace{2cm}} \text{ ft } \underline{\hspace{2cm}} \text{ in.}$$





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## Math Buzz

Insert parentheses to make each statement true.

$$36 - 12 \div 6 = 4$$

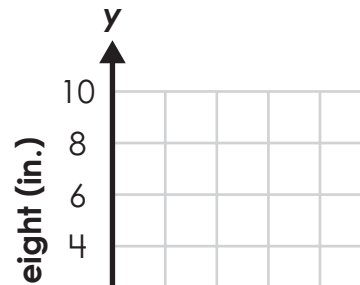
$$36 - 12 \div 6 = 34$$

Divide.

$$\underline{\hspace{2cm}} = 60.3 \div 9$$

Graph the data on the coordinate grid.

Height of Sunflower Plant					
Weeks	1	2	3	4	5
Height (in.)	0	2	5	7	10



# Preview

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What does the ordered pair (4, 7) tell you about the week and height of the plant.

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Multiply.

$$65.9 \times 10^1 = \underline{\hspace{2cm}}$$

$$80.41 \times 10^1 = \underline{\hspace{2cm}}$$

$$65.9 \times 10^2 = \underline{\hspace{2cm}}$$

$$80.41 \times 10^2 = \underline{\hspace{2cm}}$$

$$65.9 \times 10^3 = \underline{\hspace{2cm}}$$

$$80.41 \times 10^3 = \underline{\hspace{2cm}}$$



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## Math Buzz

Compare using the words "is greater than", "is less than", or "is equal to".

$$45 \times \frac{1}{6} \quad \underline{\hspace{2cm}} \quad 45$$

$$45 \times \frac{3}{2} \quad \underline{\hspace{2cm}} \quad 45$$

$$45 \times \frac{8}{10} \quad \underline{\hspace{2cm}} \quad 45$$

Classify the quadrilateral by its angles.

$70^\circ, 110^\circ, 70^\circ, 110^\circ$

rectangle

parallelogram

square

Find the sum.



2. Exponents
3. Multiplication or Division
4. Addition or Subtraction

# Preview

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$$(82 - 28) \div 9 \times 6 = \underline{\hspace{2cm}}$$

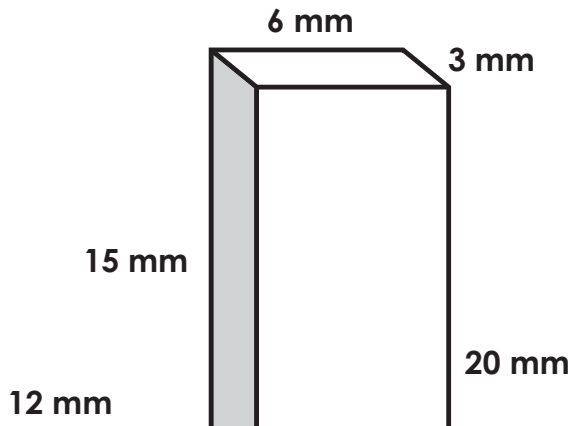
$$7 \times 15 + 60 \div 4 = \underline{\hspace{2cm}}$$



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## Math Buzz

Partition the shape into Prism A and Prism B. Then find the volume of the combined rectangular prisms.



Evaluate each expression for  $x = 8$  and  $y = 24$ .

$$(12x - 3y) \div 6 = \underline{\hspace{2cm}}$$

$$160 \div (4x + 2y) = \underline{\hspace{2cm}}$$



# Preview

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Prism B: \_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

Volume = \_\_\_\_\_ cubic mm

Divide.

$$54.7 \div 10^1 = \underline{\hspace{2cm}}$$

$$36.98 \div 10^1 = \underline{\hspace{2cm}}$$

$$54.7 \div 10^2 = \underline{\hspace{2cm}}$$

$$36.98 \div 10^2 = \underline{\hspace{2cm}}$$

$$54.7 \div 10^3 = \underline{\hspace{2cm}}$$

$$36.98 \div 10^3 = \underline{\hspace{2cm}}$$

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# Math Buzz

Divide.

$$0.4 \overline{)7.6}$$

Rewrite the exponent using repeated multiplication and solve.

$$2^5$$

\_\_\_\_\_

Rewrite the expression using exponents and solve.

$$4 \times 4 \times 4$$

\_\_\_\_\_

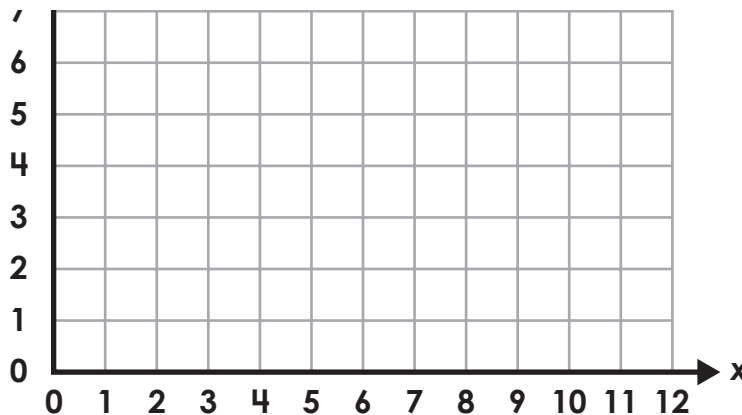
Complete the table and graph the equation.



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6	
4	



Find the difference.

$$29 \text{ lbs } 3 \text{ oz.} - 14 \text{ lbs } 6 \text{ oz.} = \underline{\hspace{2cm}} \text{ lbs } \underline{\hspace{2cm}} \text{ oz.}$$



Multiply.

$$\underline{469.8} = 78.3 \times 6$$

$$\begin{array}{r} 351 \\ 64.72 \\ \times 8 \\ \hline 517.76 \end{array}$$

Find the product of 9 and 2.59.

$$\underline{23.31}$$

Fill in the missing numbers to complete each sentence.

$$\underline{9.06} \text{ is 10 times as much as } 0.906.$$

$$\underline{58.4} \text{ is } \frac{1}{10} \text{ of } 584.$$

Write the prime factorization for 12.

$$12 = \underline{3} \times \underline{2} \times \underline{2}$$

Find the difference.

$$80 \text{ ft } 4 \text{ in.} - 45 \text{ ft } 7 \text{ in.} =$$

$$\underline{34} \text{ ft } \underline{9} \text{ in}$$

Insert parentheses to make each statement true.

$$(36 - 12) \div 6 = 4$$

$$36 - (12 \div 6) = 34$$

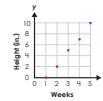
Divide.

$$\underline{6.7} = 60.3 \div 9$$

Find the quotient of 5.46 divided by 7.

$$\underline{0.78}$$

$$\underline{23.86}$$



Write the ordered pairs for each point.  
(1,0), (2,2), (3,5), (4,7), (5,10)

What does the ordered pair (4, 7) tell you about the week and height of the plant.

**It tells the plant's height was 7 inches**

Multiply.

$$65.9 \times 10^1 = \underline{659}$$

$$65.9 \times 10^2 = \underline{6,590}$$

$$65.9 \times 10^3 = \underline{65,900}$$

$$80.41 \times 10^1 = \underline{804.1}$$

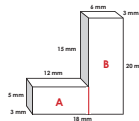
$$80.41 \times 10^2 = \underline{8,041}$$



# Preview

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Partition the shape into Prism A and Prism B. Then find the volume of the combined rectangular prisms.



Prism A:  $12 \times 3 \times 5 = 180$

Prism B:  $20 \times 3 \times 6 = 360$

Volume =  $540$  cubic mm

Answers may vary.

Evaluate each expression for  $x = 8$  and  $y = 24$ .

$$(12x - 3y) \div 6 = \underline{4}$$

$$\begin{aligned} (96 - 72) \div 6 \\ 24 \div 6 = 4 \end{aligned}$$

$$160 \div (4x + 2y) = \underline{2}$$

$$\begin{aligned} 160 \div (32 + 48) \\ 160 \div 80 = 2 \end{aligned}$$

Multiply.

$$\begin{array}{r} 41 \\ 3.5 \\ \times 8.3 \\ \hline 105 \\ + 2800 \\ \hline 29.05 \end{array}$$

Divide.

$$54.7 \div 10^1 = \underline{5.47}$$

$$54.7 \div 10^2 = \underline{.547}$$

$$54.7 \div 10^3 = \underline{.0547}$$

$$36.98 \div 10^1 = \underline{3.698}$$

$$36.98 \div 10^2 = \underline{.3698}$$

$$36.98 \div 10^3 = \underline{.03698}$$

Divide.

$$\begin{array}{r} 19 \\ 0.4 \overline{)7.6} \\ \underline{-4} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

Rewrite the exponent using repeated multiplication and solve.

$$2^5 = \underline{2 \times 2 \times 2 \times 2 \times 2 = 32}$$

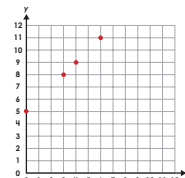
Rewrite the expression using exponents and solve.

$$4 \times 4 \times 4 = \underline{4^3 = 64}$$

Complete the table and graph the equation.

$$y = 5 + x$$

x	y
3	8
0	5
6	11
4	9



Find the difference.

$$29 \text{ lbs } 3 \text{ oz.} - 14 \text{ lbs } 6 \text{ oz.} =$$

$$\underline{14} \text{ lbs } \underline{13} \text{ oz.}$$