



Summer Math Program
Entering Sixth Grade
Week 3



Fast Facts

See how many you can do in one minute!

$5 \times 9 = \underline{\quad}$

$49 \div 7 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$24 \div 3 = \underline{\quad}$

$5 \times 6 = \underline{\quad}$

$18 \div 6 = \underline{\quad}$

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

$42 \div 7 = \underline{\quad}$

$8 \times 4 = \underline{\quad}$

$20 \div 5 = \underline{\quad}$

$4 \times 9 = \underline{\quad}$

$56 \div 8 = \underline{\quad}$

$4 \times 7 = \underline{\quad}$

$72 \div 8 = \underline{\quad}$

$8 \times 6 = \underline{\quad}$

$48 \div 4 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

$48 \div 12 = \underline{\quad}$

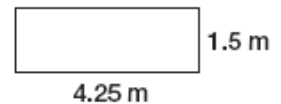
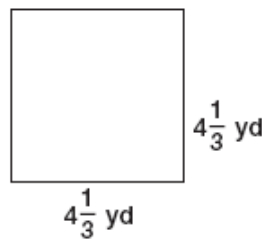
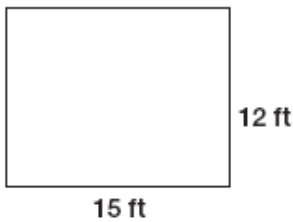
$9 \times 9 = \underline{\quad}$

$66 \div 6 = \underline{\quad}$

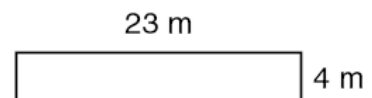
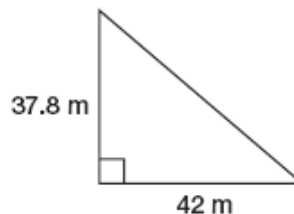
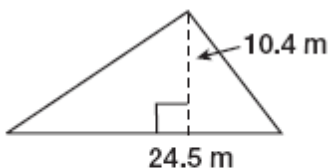
Perimeter and Area

(For a Khan Academy lesson on perimeter and area of rectangles and triangles with practice problems, go to: <http://www.khanacademy.org/math/geometry/basic-geometry/v/area-and-perimeter>)

1. Find the perimeter of these shapes:



2. Find the area of these shapes:



Dealing with Division

Divide. Check your answer by multiplying.

1. $7 \overline{)641}$

2. $5 \overline{)475}$

3. $4 \overline{)2,979}$

4. $9 \overline{)7,582}$

5. $42 \overline{)308}$

6. $72 \overline{)649}$

7. $34 \overline{)544}$

8. $31 \overline{)188}$

9. An electric hybrid car travels 612 miles. It uses 12 gallons of gas. How many miles per gallon does the car get? Explain how you would check your answer.

Work Space

Explanation

Algebraic Equations

Algebra • Equations The division statement $16 \div 5 = 3 \text{ R}1$ can be written as $(5 \times 3) + 1 = 16$. Write and solve a division statement for each equation.

$$4a + r = 19$$

$$19 \div 4 = 4\text{R}3$$

$$5a + r = 33$$

$$33 \div 5 = 6\text{R}3$$
