

Name: _____

Heatherwood Mathletes
Warm-up Exercises: Yellow, Orange and Green Belts
March 4, 2004

Mixed Addition and Subtraction

$$\begin{array}{r} 340 \\ + 190 \\ \hline \end{array}$$

$$\begin{array}{r} 581 \\ - 251 \\ \hline \end{array}$$

Multiplication – Easy

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 9 \\ \hline \end{array}$$

Fractions – Easy

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

$$\frac{2}{3} - \frac{1}{3} =$$

$$\frac{2}{3} + \frac{1}{6} =$$

Solve for x – Easy

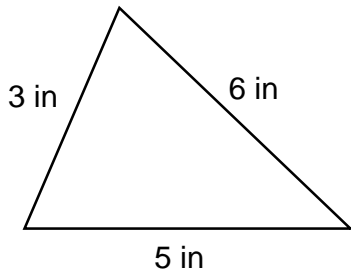
$$x - 6 = 15$$

$$6x - 8 = 10$$

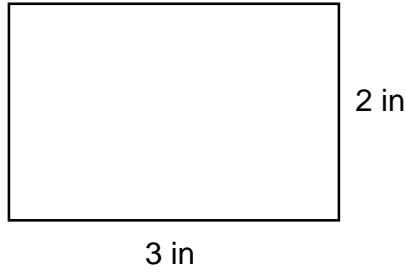
$$5x + 5 = 15$$

Geometry – Easy

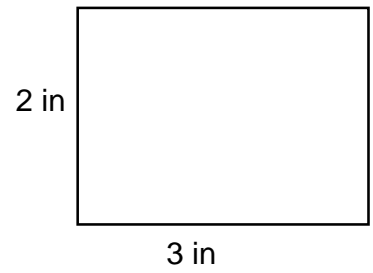
Find the Perimeter



Find the Perimeter



Find the Area



Multiplication – Harder

$$\begin{array}{r} 24 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ \times 24 \\ \hline \end{array}$$

Division

$$28/4 =$$

$$\frac{55}{5} =$$

$$62 \div 6 =$$

Fractions – Harder

$$\frac{1/5}{1/4} =$$

$$\frac{3}{4} \div \frac{1}{3} =$$

$$2\frac{1}{2} \div \frac{1}{3} =$$

Solve for x – Harder

$$3(x - 4) = 9$$

$$4(x - 2) + 4 = 16$$

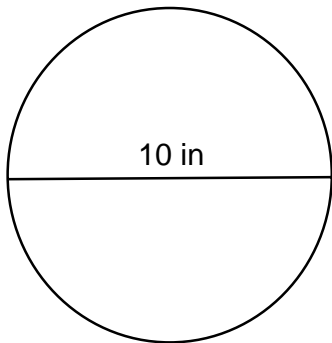
$$5(x - 3) + x = 33$$

Write the Equation

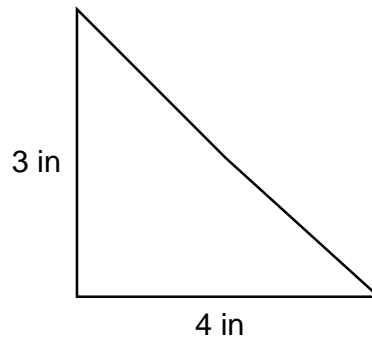
Problem 1. What is the number that when you multiply it by 10 and subtract 20 you get 70?

Geometry – Harder

Find the Circumference



Find the Area



Find the Area

