

GET READY FOR PRE-ALGEBRA AND MATH 7 HONORS!

(No calculator use on any problem)

$3+4=$	$13-5=$	$6+6=$
$2+7=$	$5+7=$	$9-2=$
$8-2=$	$15-6=$	$10+5=$
$6+5=$	$8+6=$	$12-4=$
$12-3=$	$10-2=$	$7+9=$
$6+7=$	$3+12=$	$8-1=$
$9-4=$	$7-4=$	$6+7=$
$11+2=$	$11+4=$	$11-5=$

$\frac{12}{6} =$	$4(3) =$	$10 \div 5 =$
$3(7) =$	$21 \div 3 =$	$\frac{24}{6} =$
$9 \div 3 =$	$\frac{36}{9} =$	$5(3) =$
$\frac{15}{5} =$	$9(6) =$	$8 \div 1 =$
$7(7) =$	$12 \div 6 =$	$\frac{16}{4} =$
$28 \div 4 =$	$\frac{42}{6} =$	$8(4) =$
$\frac{81}{9} =$	$12(2) =$	$0 \div 10 =$
$2(7) =$	$18 \div 3 =$	$\frac{48}{8} =$
$36 \div 3 =$	$\frac{40}{5} =$	$6(5) =$
$\frac{27}{9} =$	$3(8) =$	$20 \div 2 =$

Simplify:

$-2 - 5$	$-3(-4)$	$-\frac{15}{3}$
$5(-6)$	$5 - 8$	$\frac{32}{-8}$
$\frac{-10}{-10}$	$-6(-3)$	$10 - 14$
$-3 + 7$	$\frac{50}{-5}$	$8(-9)$
$-4(7)$	$-4 + 1$	$\frac{-12}{6}$
$\frac{-16}{-2}$	$-5(-5)$	$7 - 10$
$-1 - 9$	$\frac{27}{-3}$	$1(-6)$
$-6(7)$	$6 - 9$	$\frac{-22}{11}$
$\frac{0}{-4}$	$-9(-7)$	$4 - 11$
$-5 + 3$	$\frac{28}{-4}$	$8(-8)$

Round to the nearest whole number.

14.678

3.042

2.195

Round to the nearest tenth.

14.678

3.042

2.195

Round to the nearest hundredth.

14.678

3.042

2.195

Simplify:

$$\frac{3}{12}$$

$$\frac{5}{25}$$

$$\frac{9}{24}$$

$$\frac{16}{12}$$

$$\frac{4}{1}$$

$$\frac{20}{35}$$

$$\frac{0}{4}$$

$$\frac{10}{2}$$

$$\frac{12}{42}$$

Simplify:

$$\frac{1}{4} + \frac{2}{4}$$

$$\frac{3}{10} + \frac{2}{10}$$

$$\frac{1}{5} + \frac{7}{10}$$

$$\frac{4}{5} - \frac{2}{5}$$

$$\frac{2}{3} - \frac{1}{4}$$

$$\frac{5}{6} - \frac{2}{5}$$

$$\frac{7}{8} + \frac{2}{4}$$

$$\frac{7}{8} - \frac{3}{4}$$

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

$$\frac{1}{2} \left(\frac{1}{4} \right)$$

$$\frac{2}{3} \left(\frac{3}{7} \right)$$

$$\frac{3}{4} \left(\frac{5}{6} \right)$$

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

$$\frac{4}{5} \div \frac{3}{4}$$

$$\frac{4}{10} \div \frac{3}{8}$$

$$-\frac{3}{5} \left(\frac{4}{2} \right)$$

$$-\frac{1}{2} \div -\frac{4}{5}$$

$$-\frac{9}{10} \div -\frac{3}{4}$$

Solve:

Show ALL your steps.

$$n + 5 = 10$$

$$6 + n = 8$$

$$n - 3 = -7$$

$$n - 2 = -5$$

$$2n = 8$$

$$-3n = 9$$

$$\frac{n}{2} = 7$$

$$\frac{n}{6} = -4$$

$$\frac{1}{2}n = 6$$

$$-2 + n = -5$$

$$2n + 5 = 11$$

$$4 - 3n = 10$$

$$\frac{n}{4} + 5 = 7$$

$$\frac{n - 5}{3} = 10$$

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

$$-4n - 1 = 7$$

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

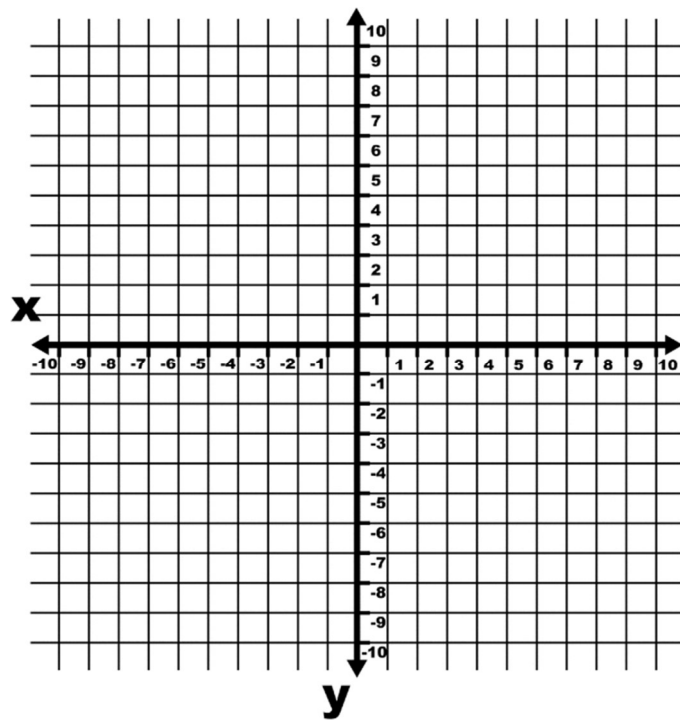
$$10 = 5x - (-5)$$

Fill in the missing fractions, decimals, percent.

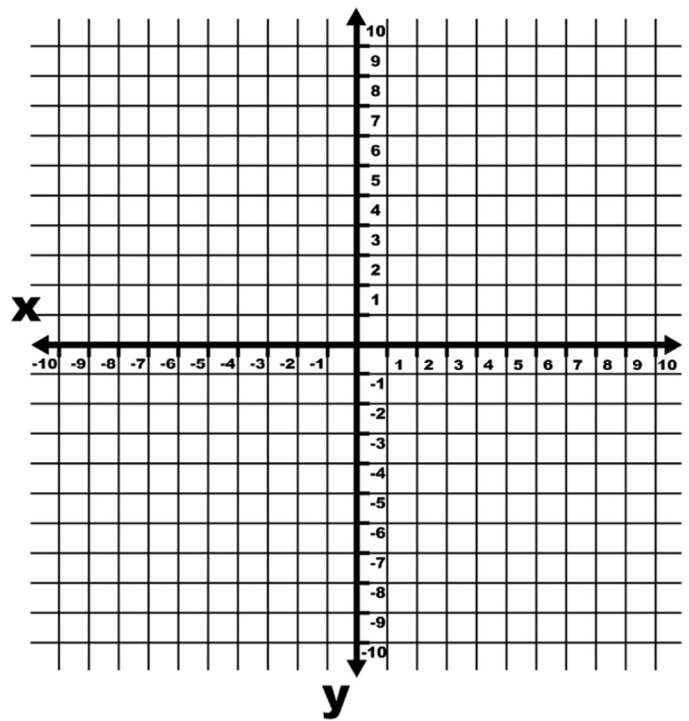
Fraction	Decimal	Percent
$\frac{1}{2}$		
$\frac{1}{3}$		
	0.25	
	0.2	
		10%
		66.7%

Graph:

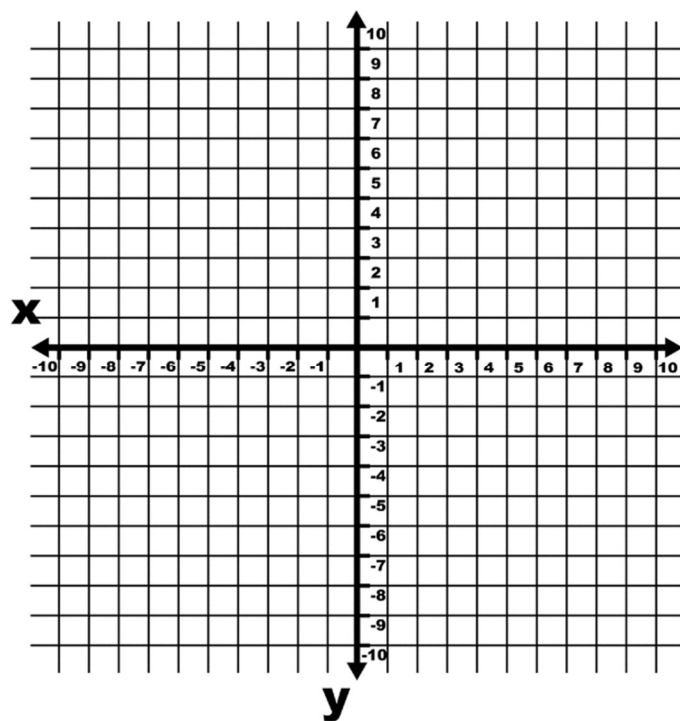
$$y = 2x$$



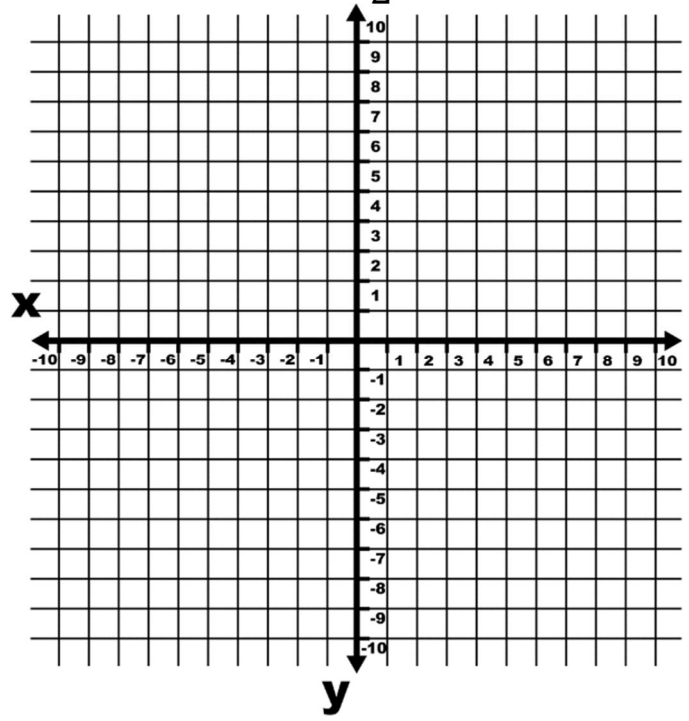
$$y = x + 2$$



$$y = x - 2$$



$$y = \frac{1}{2}x$$



Evaluate:

Show ALL your work.

$$a = 2, \quad b = -1, \quad c = 5, \quad d = -3$$

$$2a - 4$$

$$3b + 2c$$

$$\frac{a}{2} + 5$$

$$-2d + 4$$

$$-b + a$$

$$\frac{4d}{2} - a$$

$$ab + d$$

$$\sqrt{20c} - d$$

$$\frac{4c}{10} - b$$

Write in simplified exponent form.

$$x \cdot x \cdot x \cdot x \cdot x \cdot x \cdot x$$

$$x \cdot x \cdot y \cdot y \cdot y$$

$$4 \cdot x \cdot y \cdot x \cdot 5 \cdot y \cdot z$$