

Geometry Readiness: Slope – ANSWER KEY

Formula

Given two points with coordinates:

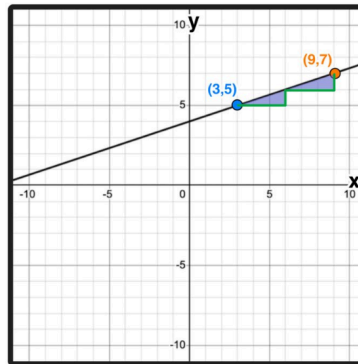
(x_1, y_1) ← The 1st point has the 1_subscript

(x_2, y_2) ← The 2nd point has the 2_subscript

The slope, m , of the line that passes through them is equal to:

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

Graph



Example

Using the points:

$(3, 5)$ & $(9, 7)$
 $\uparrow \uparrow$ $\uparrow \uparrow$
 $x_1 y_1$ $x_2 y_2$

The slope, m , is equal to:

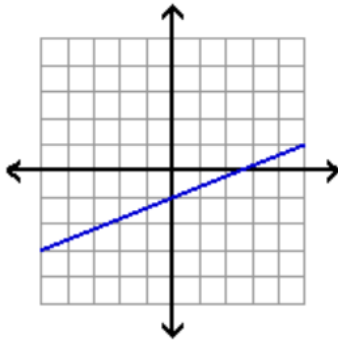
$$m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{7 - 5}{9 - 3} = \frac{2}{6}$$

$$m = \frac{2}{6} \rightarrow m = \frac{1}{3}$$



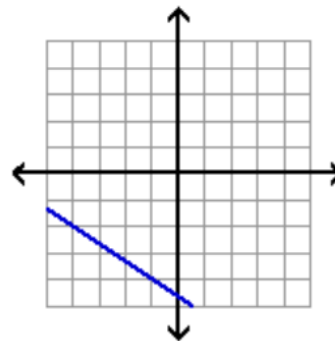
Directions: Find the slope of each line given two points or the graph.

1.



$m = 2/5$

2.



$m = -2/3$

3. $(-20, -7)$ and $(0, 0)$

$$m = \frac{-7 - 0}{-20 - 0} = \frac{-7}{-20}$$

$$m = \frac{7}{20}$$

4. $(-5, 15)$ and $(15, 11)$

$$m = \frac{15 - 11}{-5 - 15} = \frac{4}{-20}$$

$$m = -\frac{1}{5}$$

5. $(-13, -10)$ and $(-19, -10)$

$$m = \frac{-10 - (-10)}{-13 - (-19)} = \frac{0}{6}$$

$$m = 0$$

6. $(10, -8)$ and $(1, -7)$

$$m = \frac{-8 - (-7)}{10 - 1} = \frac{-1}{9}$$

$$m = -\frac{1}{9}$$

7. $(-11, -11)$ and $(-20, -12)$

$$m = \frac{-11 - (-12)}{-11 - (-20)} = \frac{1}{9}$$

$$m = \frac{1}{9}$$

8. $(12, -4)$ and $(12, -16)$

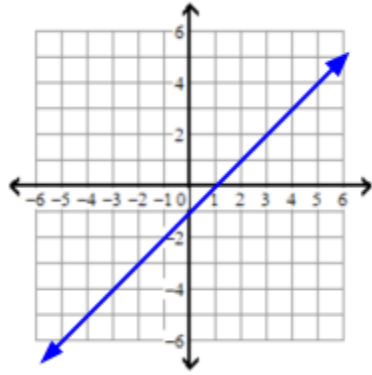
$$m = \frac{-4 - (-16)}{12 - 12} = \frac{12}{0}$$

$m = \text{undefined}$

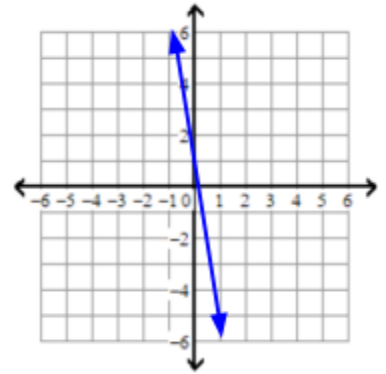
Geometry Readiness: Linear Equations ($y = mx + b$) – ANSWER KEY

Directions: Graph each line on the coordinate plane given the equation in slope-intercept form.

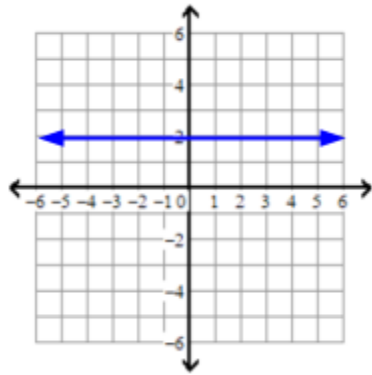
1. $y = x - 1$



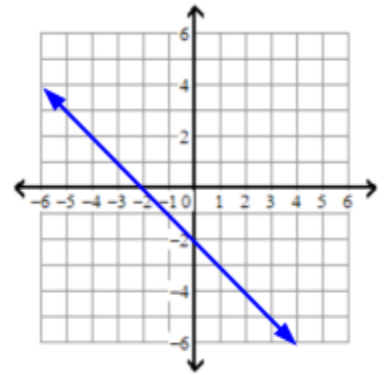
2. $y = -6x + 1$



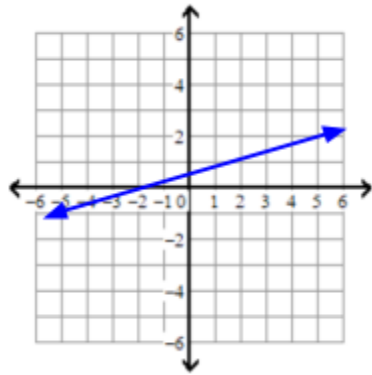
3. $y = 2$



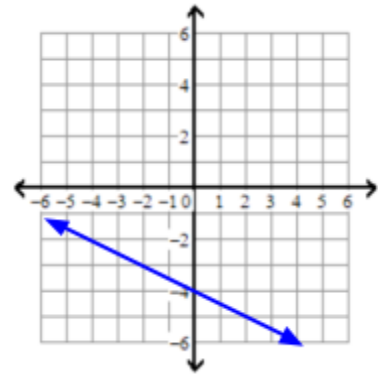
4. $y = -x - 2$



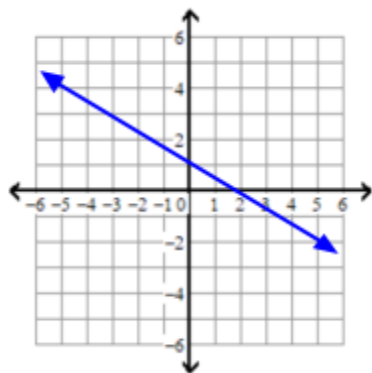
5. $y = \frac{1}{2}x + 1$



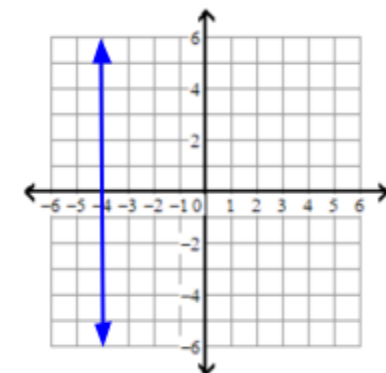
6. $y = -\frac{1}{2}x - 4$



7. $y = -\frac{3}{4}x + 1$



8. $x = -4$



Geometry Readiness: Parallel & Perpendicular Lines – ANSWER KEY

Parallel

Parallel lines have the **SAME** slope

Perpendicular

Perpendicular lines have slopes that are **OPPOSITE RECIPROCAL**

Directions: Determine if each set of lines is parallel, perpendicular or neither.

<p>1. $y = \frac{1}{2}x - 3$ $y = 5 - 2x$</p> <p style="text-align: center;">parallel perpendicular neither</p>	<p>2. $y = \frac{2}{3}x + 7$ $y = \frac{2}{3}x - 6$</p> <p style="text-align: center;">parallel perpendicular neither</p>
<p>3. $y = \frac{3}{5}x - 1$ $y = \frac{5}{3}x - 2$</p> <p style="text-align: center;">parallel perpendicular neither</p>	<p>4. $y = x + 5$ $y = -x - 3$</p> <p style="text-align: center;">parallel perpendicular neither</p>
<p>5. $y = 3$ $x = -2$</p> <p style="text-align: center;">parallel perpendicular neither</p>	<p>6. $3x - 4y = 12$ $6x - 8y = 5$</p> <p style="text-align: center;">parallel perpendicular neither</p>
<p>7. $y = 5$ $y = -3$</p> <p style="text-align: center;">parallel perpendicular neither</p>	<p>8. $3x + 5y = 10$ $5x - 3y = 9$</p> <p style="text-align: center;">parallel perpendicular neither</p>

Geometry Readiness: Solving Multi-step Equations – ANSWER KEY

<p style="text-align: center;">$15 + 6x = 45 + 8x$</p> $\begin{array}{r} 15 + 6x = 45 + 8x \\ -6x \quad -6x \\ \hline 15 = 45 + 2x \\ -45 \quad -45 \\ \hline -30 = 2x \\ \frac{-30}{2} = \frac{2x}{2} \\ \hline -15 = x \end{array}$ <p style="text-align: center;"><u>Check your answer:</u></p> $\begin{array}{l} 15 + 6(-15) \stackrel{?}{=} 45 + 8(-15) \\ 15 + (-90) \stackrel{?}{=} 45 + (-120) \\ -75 = -75 \quad \checkmark \end{array}$	<p style="text-align: center;">$3(5+2x) = 8(5+x)$</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px dashed black; padding: 5px;"> $\begin{array}{r} 15 + 6x = 40 + 8x \\ -8x \quad -8x \\ \hline 15 - 2x = 40 \\ -15 \quad -15 \\ \hline -2x = 25 \\ \frac{-2x}{-2} = \frac{25}{-2} \\ \hline x = -\frac{25}{2} \end{array}$ </td> <td style="width: 50%; padding: 5px;"> <p style="text-align: center;"><u>Check:</u></p> $\begin{array}{l} 3(5 + 2(-\frac{25}{2})) \stackrel{?}{=} 8(5 + (-\frac{25}{2})) \\ 3(5 - 25) \stackrel{?}{=} 8(\frac{10}{2} - \frac{25}{2}) \\ 3(-20) \stackrel{?}{=} 8(-\frac{15}{2}) \\ -60 = -60 \end{array}$ </td> </tr> </table>	$\begin{array}{r} 15 + 6x = 40 + 8x \\ -8x \quad -8x \\ \hline 15 - 2x = 40 \\ -15 \quad -15 \\ \hline -2x = 25 \\ \frac{-2x}{-2} = \frac{25}{-2} \\ \hline x = -\frac{25}{2} \end{array}$	<p style="text-align: center;"><u>Check:</u></p> $\begin{array}{l} 3(5 + 2(-\frac{25}{2})) \stackrel{?}{=} 8(5 + (-\frac{25}{2})) \\ 3(5 - 25) \stackrel{?}{=} 8(\frac{10}{2} - \frac{25}{2}) \\ 3(-20) \stackrel{?}{=} 8(-\frac{15}{2}) \\ -60 = -60 \end{array}$
$\begin{array}{r} 15 + 6x = 40 + 8x \\ -8x \quad -8x \\ \hline 15 - 2x = 40 \\ -15 \quad -15 \\ \hline -2x = 25 \\ \frac{-2x}{-2} = \frac{25}{-2} \\ \hline x = -\frac{25}{2} \end{array}$	<p style="text-align: center;"><u>Check:</u></p> $\begin{array}{l} 3(5 + 2(-\frac{25}{2})) \stackrel{?}{=} 8(5 + (-\frac{25}{2})) \\ 3(5 - 25) \stackrel{?}{=} 8(\frac{10}{2} - \frac{25}{2}) \\ 3(-20) \stackrel{?}{=} 8(-\frac{15}{2}) \\ -60 = -60 \end{array}$		

Directions: Solve each equation

<p>1. $1 - 5n = 5 - 7n$ $1 + 2n = 5$ $2n = 4$ $n = 2$</p>	<p>2. $-7 - 8m = 1 - 7m$ $-7 = 1 + m$ $-8 = m$</p>
<p>3. $6(r + 2) = -4(r + 7)$ $6r + 12 = -4r - 28$ $10r + 12 = -28$ $10r = -30$ $r = -3$</p>	<p>4. $2(2a + 6) = -2 + 5(2 + a)$ $4a + 12 = -2 + 10 + 2a$ $4a + 12 = 8 + 2a$ $2a + 12 = 8$ $2a = -4$ $a = -2$</p>
<p>5. $\frac{v + 8}{4} = \frac{v - 9}{6}$</p> $\begin{array}{l} 6(v + 8) = 4(v - 9) \\ 6v + 48 = 4v - 36 \\ 2v + 48 = -36 \\ 2v = -84 \\ v = -42 \end{array}$	<p>6. $\frac{9}{5x + 9} = \frac{5}{7x + 5}$</p> $\begin{array}{l} 9(7x + 5) = 5(5x + 9) \\ 63x + 45 = 25x + 45 \\ 38x + 45 = 45 \\ 38x = 0 \\ x = 0 \end{array}$
<p>7. $\frac{5x - 3}{7} = \frac{x + 5}{3}$</p> $\begin{array}{l} 3(5x - 3) = 7(x + 5) \\ 15x - 9 = 7x + 35 \\ 8x - 9 = 35 \\ 8x = 44 \\ x = 11/2 \end{array}$	<p>8. $\frac{x + 6}{2} = \frac{x - 5}{3}$</p> $\begin{array}{l} 3(x + 6) = 2(x - 5) \\ 3x + 18 = 2x - 10 \\ x + 18 = -10 \\ x = -28 \end{array}$

Geometry Readiness: Solving Quadratic Equations – ANSWER KEY

Factoring

$6x^2 - x - 15$

$6x^2 - 10x + 9x - 15$ ★ UN-CLT

$2x(3x-5) + 3(3x-5)$ factor by grouping

$(3x-5)(2x+3)$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-2 \pm \sqrt{2^2 - 4(1)(-15)}}{2(1)}$$

$$= \frac{-2 \pm \sqrt{4 + 60}}{2} = \frac{-2 \pm \sqrt{64}}{2} = \frac{-2 \pm 8}{2}$$

$$x = \frac{-2 + 8}{2} = \frac{6}{2} = 3$$

$$x = \frac{-2 - 8}{2} = \frac{-10}{2} = -5$$

Directions: Solve each quadratic equation algebraic (factoring or quadratic formula)

<p>1. $a^2 + 3a - 28 = 0$ $a^2 + 7a - 4a - 28 = 0$ $a(a + 7) - 4(a + 7) = 0$ $(a - 4)(a + 7) = 0$</p> <p>$a = \{-7, 4\}$</p>	<p>2. $n^2 + 2n - 35 = 0$ $n^2 + 7n - 5n - 35 = 0$ $n(n + 7) - 5(n + 7) = 0$ $(n - 5)(n + 7) = 0$</p> <p>$n = \{-7, 5\}$</p>
<p>3. $r^2 + 2r - 15 = 0$ $r^2 + 5r - 3r - 15 = 0$ $r(r + 5) - 3(r + 5) = 0$ $(r - 3)(r + 5) = 0$</p> <p>$r = \{-5, 3\}$</p>	<p>4. $p^2 + 2p - 48 = 0$ $p^2 + 8p - 6p - 48 = 0$ $p(p + 8) - 6(p + 8) = 0$ $(p - 6)(p + 8) = 0$</p> <p>$p = \{-8, 6\}$</p>
<p>5. $x^2 - 5x = 14$ $x^2 - 5x - 14 = 0$ $x^2 + 2x - 7x - 14 = 0$ $x(x + 2) - 7(x + 2) = 0$ $(x - 7)(x + 2) = 0$</p> <p>$x = \{-2, 7\}$</p>	<p>6. $m^2 - 2m = 8$ $m^2 - 2m - 8 = 0$ $m^2 - 4m + 2m - 8 = 0$ $m(m - 4) + 2(m - 4) = 0$ $(m + 2)(m - 4) = 0$</p> <p>$m = \{-2, 4\}$</p>
<p>7. $n^2 - 4n = 5$ $n^2 - 4n - 5 = 0$ $n^2 - 5n + 1n - 5 = 0$ $n(n - 5) + 1(n - 5) = 0$ $(n + 1)(n - 5) = 0$</p> <p>$n = \{-1, 5\}$</p>	<p>8. $x^2 - 3x = 4$ $x^2 - 3x - 4 = 0$ $x^2 - 4x + 1x - 4 = 0$ $x(x - 4) + 1(x - 4) = 0$ $(x + 1)(x - 4) = 0$</p> <p>$x = \{-1, 4\}$</p>

Geometry Readiness: Solving Systems of Equations using Substitution – ANSWER KEY

$$y = 2x - 1$$

$$2x + 3y = -7$$

$$y = 2\left(-\frac{1}{2}\right) - 1$$

$$y = -1 - 1$$

$$y = -2$$

$$2x + 3(2x - 1) = -7$$

$$2x + 6x - 3 = -7$$

$$8x - 3 = -7$$

$$+3 \quad | +3$$

$$8x = -4$$

$$\div 8 \quad | \div 8$$

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

$$\boxed{\left(-\frac{1}{2}, -2\right)}$$

Solution

Directions: Find the solution of each system of equations using substitution.

$$1. \begin{cases} y = 8x - 4 \\ -x + y = 3 \end{cases}$$

$$-x + (8x - 4) = 3$$

$$7x - 4 = 3$$

$$7x = 7$$

$$x = 1$$

$$y = 8(1) - 4 = 4$$

(1, 4)

$$2. \begin{cases} -4x - 3y = -18 \\ y = 3x + 6 \end{cases}$$

$$-4x - 3(3x + 6) = -18$$

$$-4x - 9x - 18 = -18$$

$$-13x = 0$$

$$x = 0$$

$$y = 3(0) + 6 = 6$$

(0, 6)

$$3. \begin{cases} y = 2x + 3 \\ 4x - 5y = 3 \end{cases}$$

$$4x - 5(2x + 3) = 3$$

$$4x - 10x - 15 = 3$$

$$-6x - 15 = 3$$

$$-6x = 18$$

$$x = -3$$

$$y = 2(-3) + 3 = -3$$

(-3, -3)

$$4. \begin{cases} x - 3y = -4 \\ y = -3x + 18 \end{cases}$$

$$x - 3(-3x + 18) = -4$$

$$x + 9x - 54 = -4$$

$$10x = 50$$

$$x = 5$$

$$y = -3(5) + 18 = 3$$

(5, 3)

$$5. \begin{cases} x - 2y = 12 \rightarrow x = 2y + 12 \\ -5x - 6y = 4 \end{cases}$$

$$-5(2y + 12) - 6y = 4$$

$$-10y - 60 - 6y = 4$$

$$-16y - 60 = 4$$

$$-16y = 64$$

$$y = -4$$

$$x = 2(-4) + 12 = 4$$

(4, -4)

$$6. \begin{cases} 5x + y = -15 \rightarrow y = -5x - 15 \\ 7x - 6y = 16 \end{cases}$$

$$7x - 6(-5x - 15) = 16$$

$$7x + 30x + 90 = 16$$

$$37x + 90 = 16$$

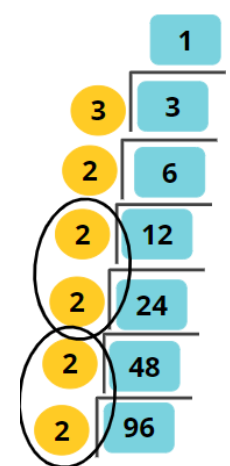
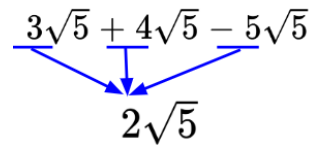
$$37x = -74$$

$$x = -2$$

$$y = -5(-2) - 15 = -5$$

(-2, -5)

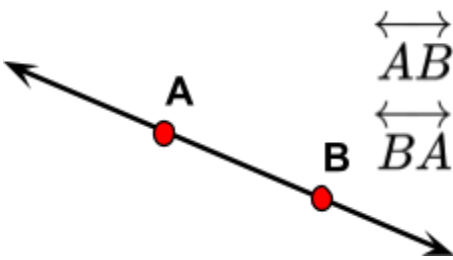
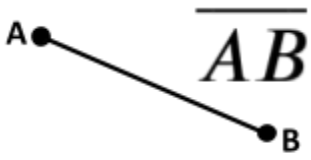
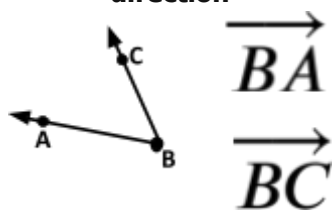
Geometry Readiness: Simplifying Radicals + Operations with Radicals – ANSWER KEY

<p>Simplifying</p> $\sqrt{96}$ $(2)(2)\sqrt{(2)(3)}$ $4\sqrt{6}$ 	<p>Adding/Subtracting Combine like terms</p> $3\sqrt{5} + 4\sqrt{5} - 5\sqrt{5}$  $2\sqrt{5}$ <p>Simplifying first, then combining</p> $\sqrt{18} + 2\sqrt{98}$ $3\sqrt{2} + (2)(7)\sqrt{2}$ $3\sqrt{2} + 14\sqrt{2}$ $17\sqrt{2}$	<p>Multiplying</p> $(4\sqrt{3})(2\sqrt{8})$ $(4)(2)\sqrt{(3)(8)}$ $8\sqrt{24}$ $(8)(2)\sqrt{(2)(3)}$ $16\sqrt{6}$
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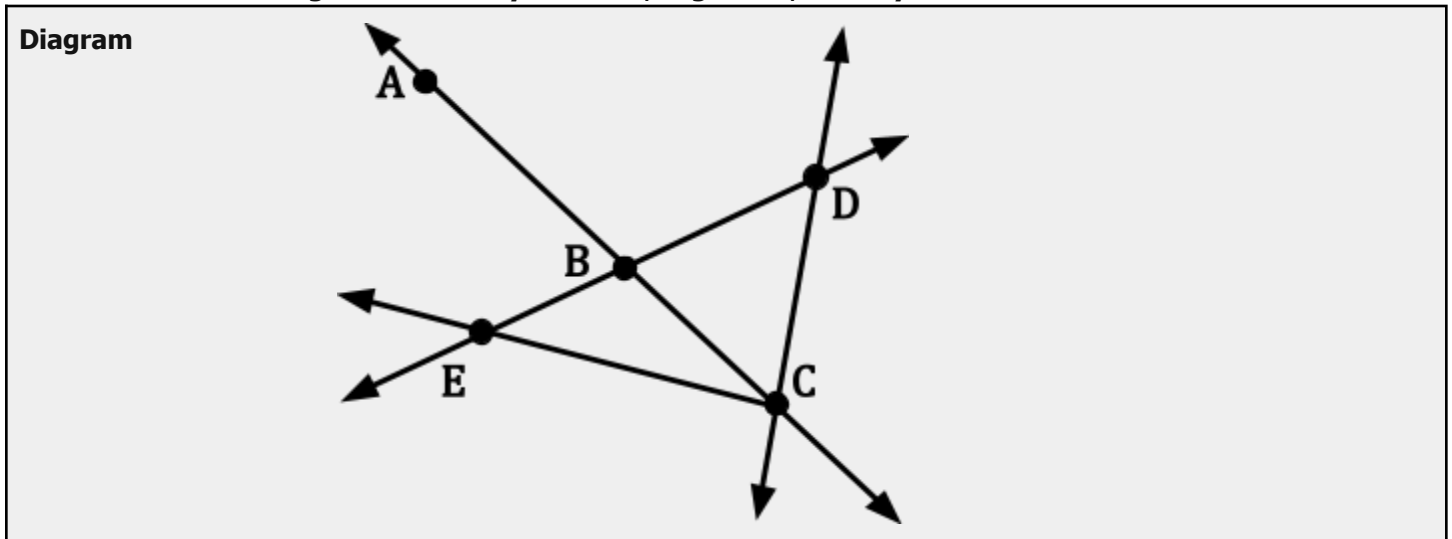
Directions: Simplify each expression

<p>1. $\sqrt{108}$ $\sqrt{36} \cdot \sqrt{3}$ $6\sqrt{3}$</p>	<p>2. $\sqrt{32}$ $\sqrt{16} \cdot \sqrt{2}$ $4\sqrt{2}$</p>	<p>3. $\sqrt{384}$ $\sqrt{64} \cdot \sqrt{6}$ $8\sqrt{6}$</p>
<p>4. $5\sqrt{63}$ $5\sqrt{9} \cdot \sqrt{7}$ $15\sqrt{7}$</p>	<p>5. $6\sqrt{288}$ $6\sqrt{144} \cdot \sqrt{2}$ $72\sqrt{2}$</p>	<p>6. $-3\sqrt{24}$ $-3\sqrt{4} \cdot \sqrt{6}$ $-6\sqrt{6}$</p>
<p>7. $-6\sqrt{2} + 4\sqrt{3} - 3\sqrt{2}$ $-5\sqrt{2}$</p>	<p>8. $\sqrt{8} + \sqrt{18} + \sqrt{20}$ $2\sqrt{2} + 3\sqrt{2} + 2\sqrt{5}$ $5\sqrt{2} + 2\sqrt{5}$</p>	<p>9. $\sqrt{48} + \sqrt{3} + \sqrt{75}$ $4\sqrt{3} + \sqrt{3} + 5\sqrt{3}$ $10\sqrt{3}$</p>
<p>10. $(4\sqrt{6})(3\sqrt{2})$ $12\sqrt{12}$ $12\sqrt{4} \cdot \sqrt{3}$ $24\sqrt{3}$</p>	<p>11. $(3\sqrt{5})(4\sqrt{3})$ $12\sqrt{15}$</p>	<p>12. $(7\sqrt{6})(5\sqrt{10})$ $35\sqrt{60}$ $35\sqrt{4}\sqrt{15}$ $70\sqrt{15}$</p>

Geometry Readiness: Lines, Segments, and Rays – ANSWER KEY

<p>Line Made of an infinite number of points and extends indefinitely in both directions</p> 	<p>Segment Part of a line defined by two points called "endpoints"</p> 	<p>Ray Part of a line defined by a point and extends indefinitely in one direction</p> 
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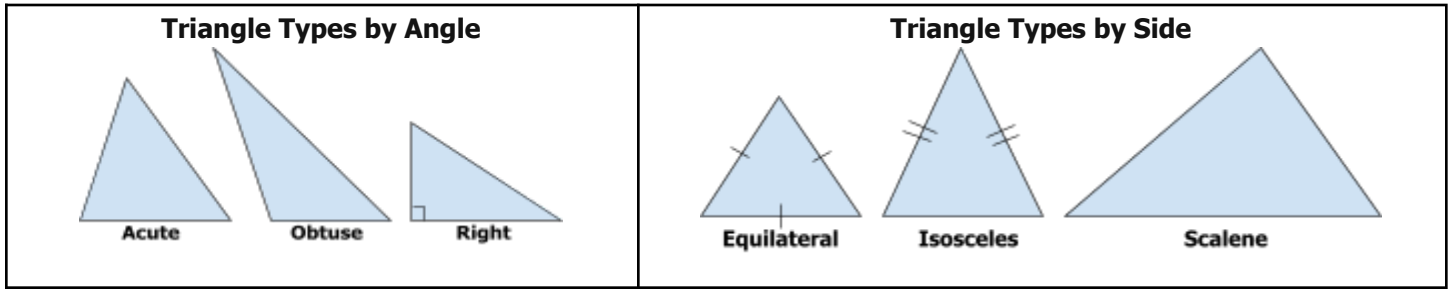
Directions: Use the diagram to identify the lines, segments, and rays.



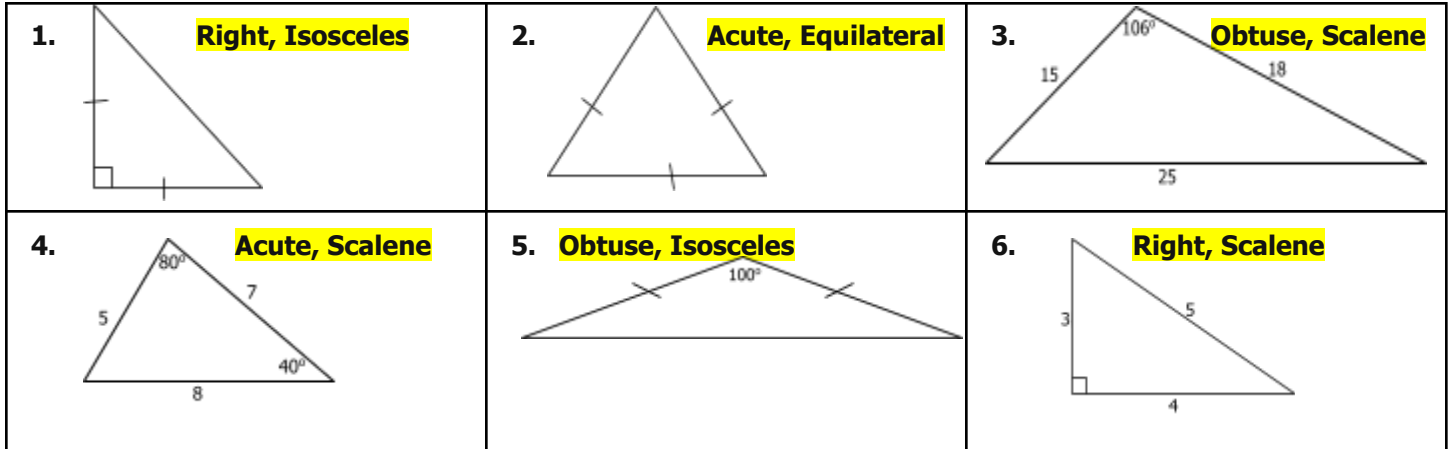
Lines	Segments	Rays
\overleftrightarrow{AC} (other names \overleftrightarrow{BC} , \overleftrightarrow{BA} , \overleftrightarrow{CB} , \overleftrightarrow{CA})	\overline{AB}	\overrightarrow{BA}
\overleftrightarrow{EB} (other names \overleftrightarrow{BE} , \overleftrightarrow{BD} , \overleftrightarrow{DB} , \overleftrightarrow{DE} , \overleftrightarrow{ED})	\overline{BC}	\overrightarrow{CE}
\overleftrightarrow{DC} (other name \overleftrightarrow{CD})	\overline{EB}	\overrightarrow{CD}
	\overline{BD}	\overrightarrow{DC}
	\overline{DC}	\overrightarrow{BC}
	\overline{EC}	\overrightarrow{CA} (or \overrightarrow{CB})
		\overrightarrow{AC} (or \overrightarrow{AB})
		\overrightarrow{DE} (or \overrightarrow{DB})
		\overrightarrow{ED} (or \overrightarrow{EB})

Geometry Readiness: Types of Triangles and Quadrilaterals – ANSWER KEY

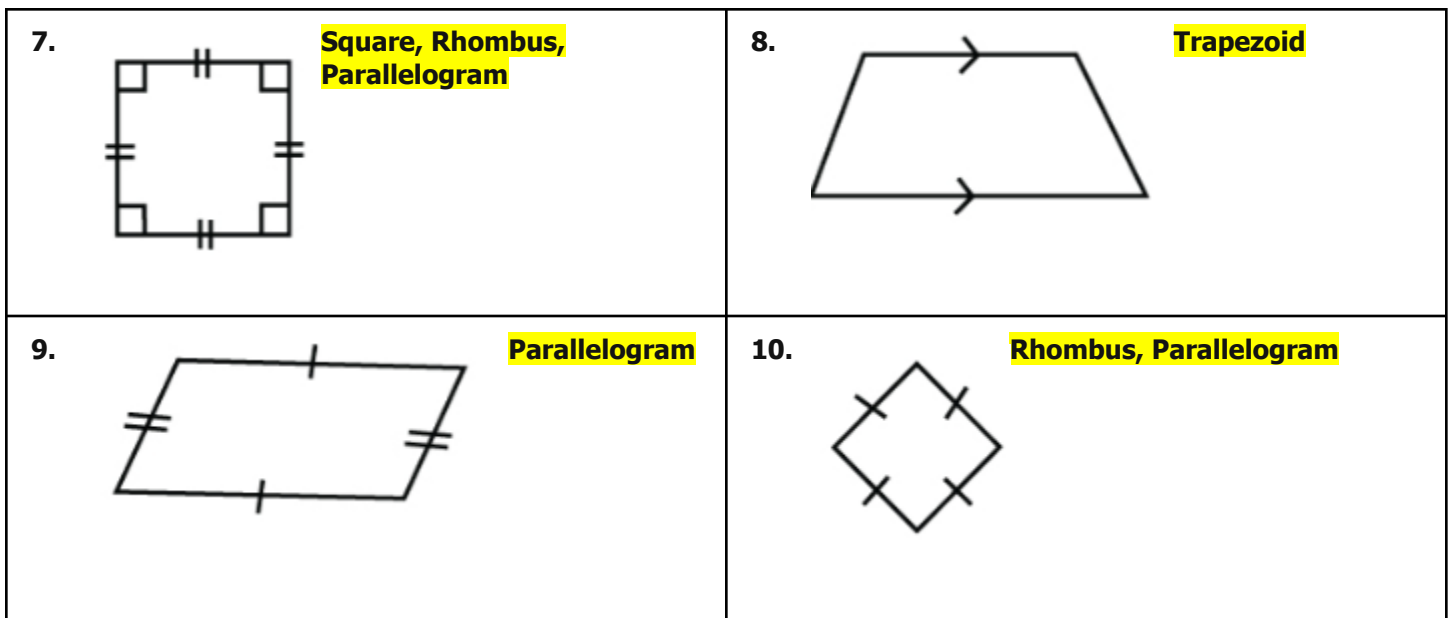
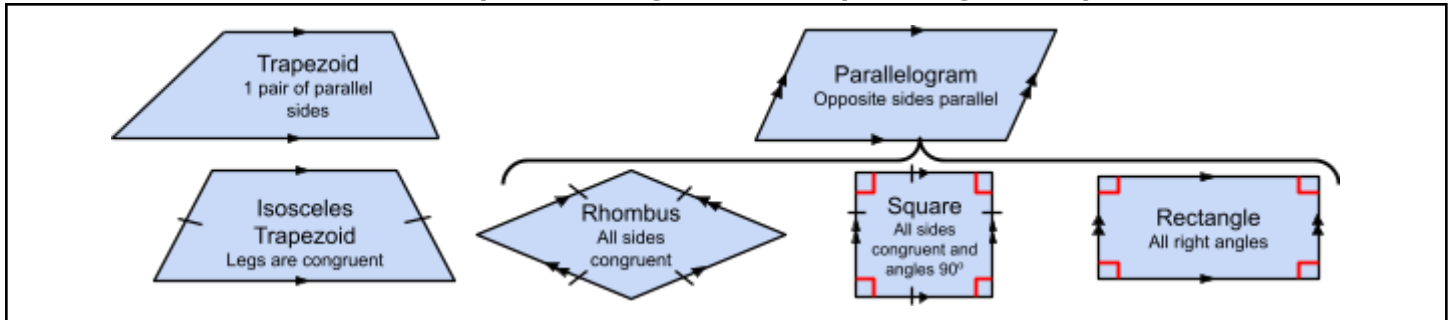
** All triangles contain 180 degrees **



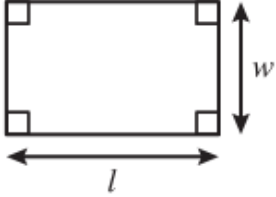
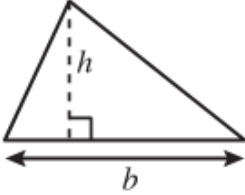
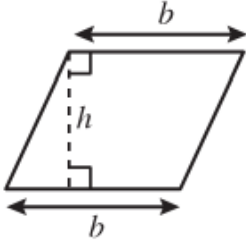
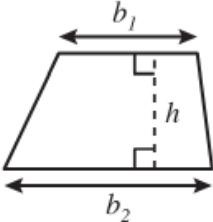
Directions: Classify each triangle by its angles and sides.



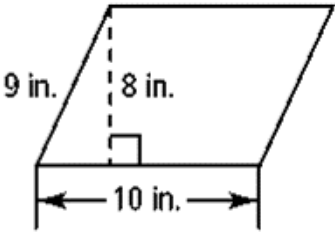
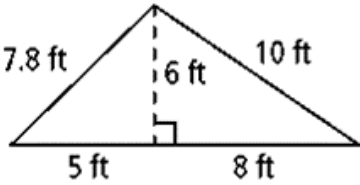
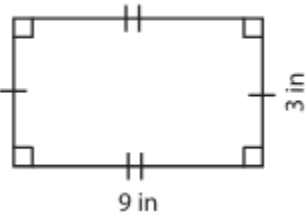
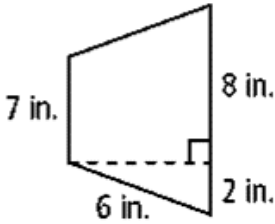
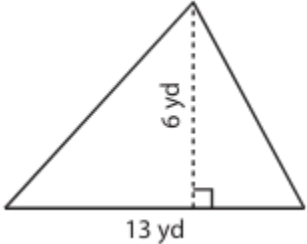
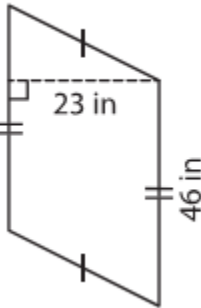
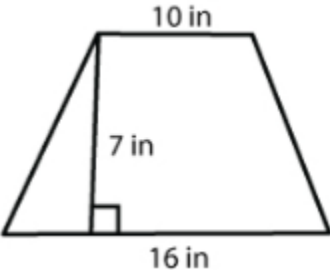
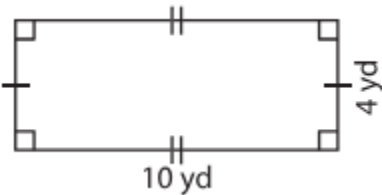
Directions: Determine if each is a square, rectangle, rhombus, parallelogram, trapezoid or more than name.



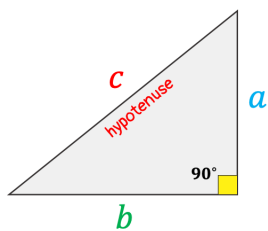
Geometry Readiness: Area of Basic Shapes – ANSWER KEY

<p>Rectangle</p>  <p>$A = lw$</p>	<p>Triangle</p>  <p>$A = \frac{1}{2}bh$</p>	<p>Parallelogram</p>  <p>$A = bh$</p>	<p>Trapezoid</p>  <p>$A = \frac{1}{2}h(b_1 + b_2)$</p>
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Directions: Find the area for each figure

<p>1.</p>  <p>$A = 8(10)$ $A = 80 \text{ in}^2$</p>	<p>2.</p>  <p>$A = \frac{1}{2}(13)(6)$ $A = 39 \text{ ft}^2$</p>
<p>3.</p>  <p>$A = (3)(9)$ $A = 27 \text{ in}^2$</p>	<p>4.</p>  <p>$h = \sqrt{6^2 - 2^2} = 5.66$ $A = \frac{1}{2}(5.66)(10 + 7)$ $A = 48.11 \text{ in}^2$</p>
<p>5.</p>  <p>$A = \frac{1}{2}(13)(6)$ $A = 39 \text{ yd}^2$</p>	<p>6.</p>  <p>$A = 46(23)$ $A = 1058 \text{ in}^2$</p>
<p>7.</p>  <p>$A = \frac{1}{2}(7)(10 + 16)$ $A = 91 \text{ in}^2$</p>	<p>8.</p>  <p>$A = 10(4)$ $A = 40 \text{ yd}^2$</p>

PYTHAGOREAN THEOREM



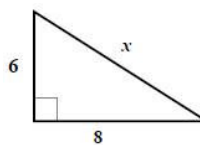
$$c^2 = a^2 + b^2$$

$$\star c = \sqrt{a^2 + b^2}$$

$$\star a = \sqrt{c^2 - b^2}$$

$$\star b = \sqrt{c^2 - a^2}$$

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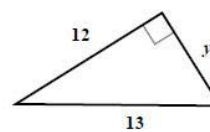
$$6^2 + 8^2 = x^2$$

$$36 + 64 = x^2$$

$$100 = x^2$$

$$\sqrt{100} = \sqrt{x^2}$$

$$x = 10$$



$$12^2 + y^2 = 13^2$$

$$144 + y^2 = 169$$

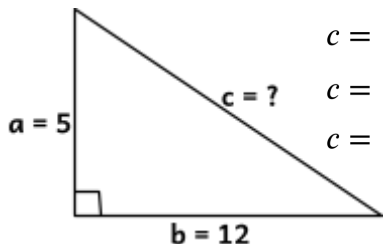
$$y^2 = 25$$

$$\sqrt{y^2} = \sqrt{25}$$

$$y = 5$$

Directions: Solve for the unknown value using the Pythagorean theorem. *Figures not drawn to scale*

1.

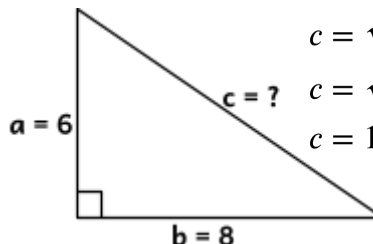


$$c = \sqrt{5^2 + 12^2}$$

$$c = \sqrt{25 + 144} = \sqrt{169}$$

$$c = 13$$

2.

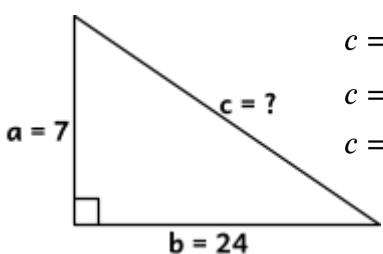


$$c = \sqrt{6^2 + 8^2}$$

$$c = \sqrt{36 + 64} = \sqrt{100}$$

$$c = 10$$

3.

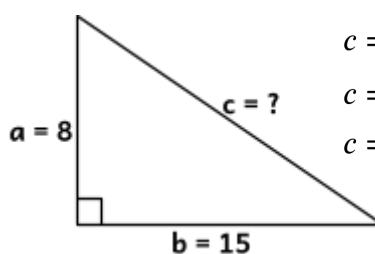


$$c = \sqrt{7^2 + 24^2}$$

$$c = \sqrt{49 + 576} = \sqrt{625}$$

$$c = 25$$

4.

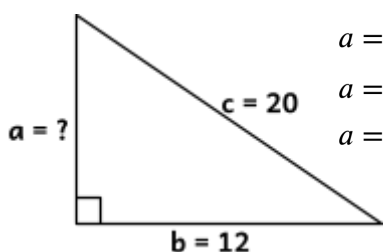


$$c = \sqrt{8^2 + 15^2}$$

$$c = \sqrt{64 + 225} = \sqrt{289}$$

$$c = 17$$

5.

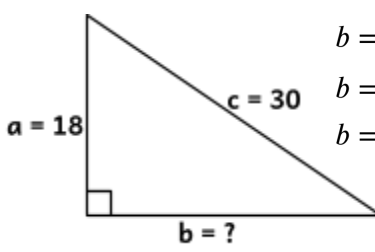


$$a = \sqrt{20^2 - 12^2}$$

$$a = \sqrt{400 - 144} = \sqrt{256}$$

$$a = 16$$

6.

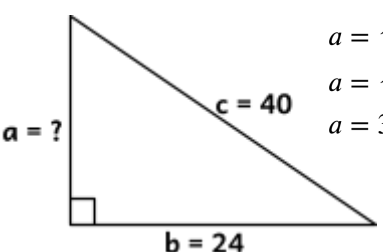


$$b = \sqrt{30^2 - 18^2}$$

$$b = \sqrt{900 - 324} = \sqrt{576}$$

$$b = 24$$

7.

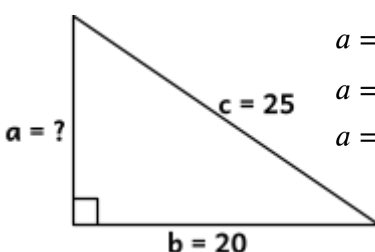


$$a = \sqrt{40^2 - 24^2}$$

$$a = \sqrt{1600 - 576} = \sqrt{1024}$$

$$a = 32$$

8.

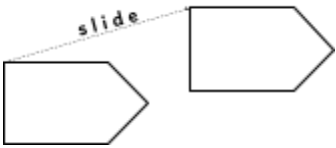
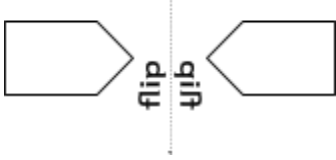
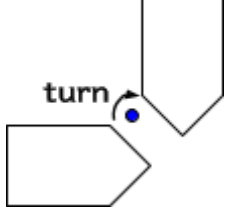



$$a = \sqrt{25^2 - 20^2}$$

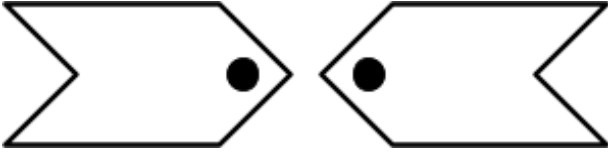
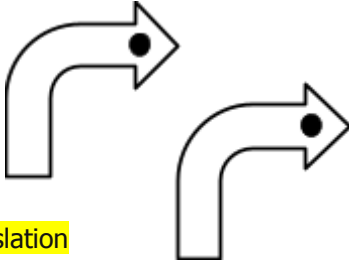
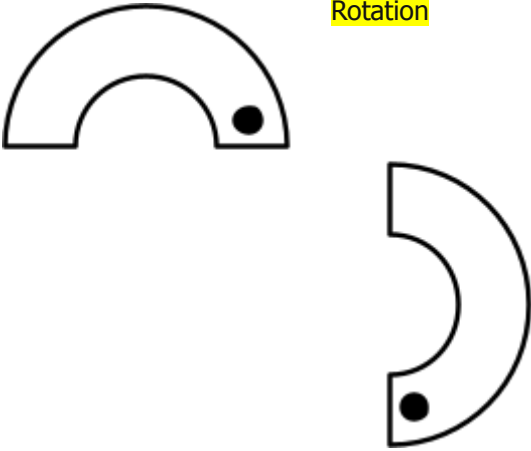
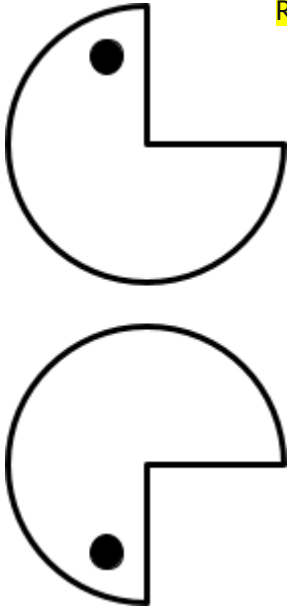
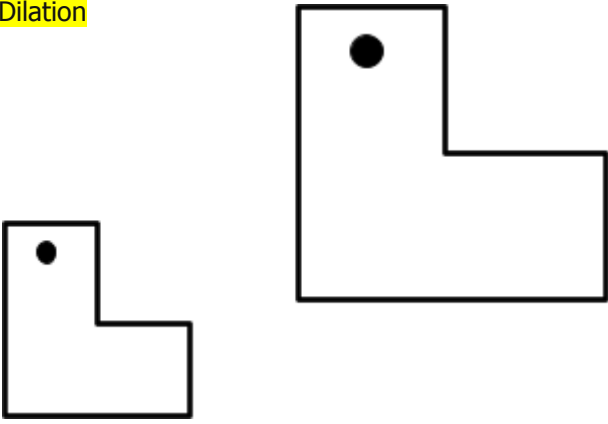
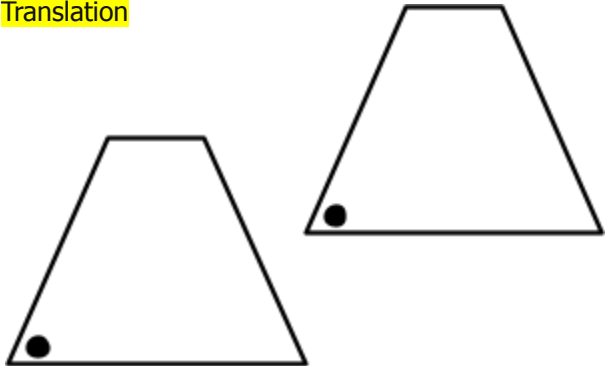
$$a = \sqrt{625 - 400} = \sqrt{225}$$

$$a = 15$$

Geometry Readiness: Basic Transformations – ANSWER KEY

Translation (SLIDE)	Reflection (FLIP)	Rotation (TURN)	Dilation (RESIZE)
			

Directions: Identify the type of transformation that occurred.

<p>1. </p> <p>Reflection</p>	<p>2. </p> <p>Translation</p>
<p>3. </p> <p>Rotation</p>	<p>4. </p> <p>Reflection</p>
<p>5. </p> <p>Dilation</p>	<p>6. </p> <p>Translation</p>