

VARIABLES AND EXPRESSIONS

Evaluate each expression
if $x = 4$, $y = 6$, and $z = 8$

1) $x^2 + y$ 2) $z(x + y)$

Evaluate each expression
if $x = 2.5$, $y = 12$, and $z = 2$

3) $x^2 + y$ 4) $z(x + y)$

Evaluate each expression
if $x = \frac{1}{3}$, $y = 1\frac{2}{3}$, and $z = 3$

5) $x^2 + y$ 6) $z(x + y)$

Arizona Mileage Chart

	Phoenix	Tucson	Nogales
Phoenix	X	117 mi	181 mi
Tucson	117 mi	X	64 mi
Nogales	181 mi	64 mi	X

7) To find the time it will take for a bicyclist to travel from Nogales to Tucson, use the expression $\frac{d}{s}$ where d represents distance and s represents speed. Find the time if the bicyclist travels at a speed of 16 miles per hour.

8) To find the speed a car is traveling, use the expression $\frac{d}{t}$ where d represents the distance and t represents the time. Find the speed of a car that travels from Phoenix to Tucson in 2 hours.

VARIABLES AND EXPRESSIONS

Evaluate each expression
if $x = 4$, $y = 6$, and $z = 8$

1) $x^2 + y$ 2) $z(x + y)$

Evaluate each expression
if $x = 2.5$, $y = 12$, and $z = 2$

3) $x^2 + y$ 4) $z(x + y)$

Evaluate each expression
if $x = \frac{1}{3}$, $y = 1\frac{2}{3}$, and $z = 3$

5) $x^2 + y$ 6) $z(x + y)$

Arizona Mileage Chart

	Phoenix	Tucson	Nogales
Phoenix	X	117 mi	181 mi
Tucson	117 mi	X	64 mi
Nogales	181 mi	64 mi	X

7) To find the time it will take for a bicyclist to travel from Nogales to Tucson, use the expression $\frac{d}{s}$ where d represents distance and s represents speed. Find the time if the bicyclist travels at a speed of 16 miles per hour.

8) To find the speed a car is traveling, use the expression $\frac{d}{t}$ where d represents the distance and t represents the time. Find the speed of a car that travels from Phoenix to Tucson in 2 hours.