

[A]

Solve. Assume x varies **DIRECTLY** as y.
If $y = -4$ when $x = 2$, find y when $x = -6$.

[B]

Solve. Assume x varies **DIRECTLY** as y.
If $y = -5$ when $x = 12.5$, find x when $y = 15$.

[C]

Solve. Assume x varies **DIRECTLY** as y.
If $y = 80$ when $x = 32$, find x when $y = 100$.

[D]

Solve. Assume x varies **DIRECTLY** as y.
If $x = 168$ when $y = 28$, find y when $x = 102$.

[E]

Solve. Assume x varies **DIRECTLY** as y.
If $x = 10$ when $y = 46$, find y when $x = -5$.

[F]

Solve. Assume x varies **DIRECTLY** as y.
If $y = 7$ when $x = 4$, find y when $x = 12$.

[G]

Solve. Assume x varies **DIRECTLY** as y.
If $y = 198$ when $x = 22$, find x when $y = 1638$.

[H]

Solve. Assume x varies **DIRECTLY** as y.
If $y = 24$ when $x = 6$, find y when $x = -4$.

[I]

Solve. Assume x varies **DIRECTLY** as y.
If $y = 48$ when $x = 2$, find x when $y = -16$.

[J]

Solve. Assume x varies **DIRECTLY** as y.
If $x = 25$ when $y = -20$, find y when $x = 5$.

[K]

Solve. Assume x varies **INVERSELY** as y.
If $y = 27$ when $x = 12$, find x when $y = -12$.

[L]

Solve. Assume x varies **INVERSELY** as y.
If $x = 80$ when $y = 60$, find x when $y = -20$.

[M]

Solve. Assume x varies **INVERSELY** as y.
If $x = 4$ when $y = 16$, find y when $x = 6$.

[N]

Solve. Assume x varies **INVERSELY** as y.
If $y = 7$ when $x = 4$, find y when $x = 12$.

[O]

Solve. Assume x varies **INVERSELY** as y.
If $y = 6$ when $x = -4$, find x when $y = \frac{1}{5}$.

[P]

Solve. Assume x varies **INVERSELY** as y.
If $y = 26$ when $x = -25$, find y when $x = 10$.

[Q]

Solve. Assume x varies **INVERSELY** as y.
If $y = 4$ when $x = 66$, find x when $y = 24$.

[R]

Solve. Assume x varies **INVERSELY** as y.
If $x = 6$ when $y = 39$, find y when $x = 18$.

[S]

Solve. Assume x varies **INVERSELY** as y.
If $y = -4$ when $x = 2$, find y when $x = -6$.

[T]

Solve. Assume x varies **INVERSELY** as y.
If $y = -5$ when $x = 12.5$, find x when $y = 15$.