



Name: _____

Date: _____

Analyzing Relationships Between Variables

Solve for x . Show your work.

1. Cost = $\$3 \times n$. If $n = 5$, cost?

2. Cost = $\$4 \times n$. If $n = 5$, cost?

3. Cost = $\$10 \times n$. If $n = 5$, cost?

4. Cost = $\$10 \times n$. If $n = 5$, cost?

5. Cost = $\$6 \times n$. If $n = 5$, cost?

6. Cost = $\$9 \times n$. If $n = 5$, cost?

7. Cost = $\$5 \times n$. If $n = 5$, cost?

8. Cost = $\$8 \times n$. If $n = 5$, cost?



Analyzing Relationships Between Variables – Answer Key

1. Cost = $\$3 \times n$. If $n = 5$, cost?

\\$15

2. Cost = $\$4 \times n$. If $n = 5$, cost?

\\$20

3. Cost = $\$10 \times n$. If $n = 5$, cost?

\\$50

4. Cost = $\$10 \times n$. If $n = 5$, cost?

\\$50

5. Cost = $\$6 \times n$. If $n = 5$, cost?

\\$30

6. Cost = $\$9 \times n$. If $n = 5$, cost?

\\$45

7. Cost = $\$5 \times n$. If $n = 5$, cost?

\\$25

8. Cost = $\$8 \times n$. If $n = 5$, cost?

\\$40