



Determine the constant of proportionality for each table. Express your answer as $y = kx$

Answers

Ex)

Chocolate Bars (x)	10	8	3	5	7
Calories (y)	3,760	3,008	1,128	1,880	2,632

Every chocolate bar has 376 calories.

Ex. $y = 376x$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

1)

Pounds of Beef Jerky (x)	6	10	7	3	4
Price in dollars (y)	78	130	91	39	52

For every pound of beef jerky it cost _____ dollars.

2)

Glasses of Lemonade (x)	3	8	4	7	9
Lemons Used (y)	15	40	20	35	45

For every glass of lemonade there were _____ lemons used.

3)

Pieces of Chicken (x)	4	2	7	5	10
Price in dollars (y)	8	4	14	10	20

For each piece of chicken it costs _____ dollars.

4)

Phone Sold (x)	9	3	7	8	10
Money Earned (y)	414	138	322	368	460

Every phone sold earns _____ dollars.

5)

Tickets Sold (x)	3	2	4	5	6
Money Earned (y)	33	22	44	55	66

Every ticket sold _____ dollars are earned.

6)

Votes for Robin (x)	3	5	8	9	6
Votes for Oliver (y)	81	135	216	243	162

For Every vote for Robin there were _____ votes for Oliver.

7)

Concrete Blocks (x)	2	3	5	7	6
weight in kilograms (y)	10	15	25	35	30

Every concrete block weighs _____ kilograms.

8)

Lawns Mowed (x)	8	10	4	6	9
Dollars Earned (y)	264	330	132	198	297

For every lawn mowed _____ dollars were earned.

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Ex)

Chocolate Bars (x)	10	8	3	5	7
Calories (y)	3,760	3,008	1,128	1,880	2,632

Every chocolate bar has 376 calories.

Ex. $y = 376x$

1)

Pounds of Beef Jerky (x)	6	10	7	3	4
Price in dollars (y)	78	130	91	39	52

For every pound of beef jerky it cost 13 dollars.

1. $y = 13x$

2)

Glasses of Lemonade (x)	3	8	4	7	9
Lemons Used (y)	15	40	20	35	45

For every glass of lemonade there were 5 lemons used.

2. $y = 5x$

3. $y = 2x$

4. $y = 46x$

5. $y = 11x$

6. $y = 27x$

3)

Pieces of Chicken (x)	4	2	7	5	10
Price in dollars (y)	8	4	14	10	20

For each piece of chicken it costs 2 dollars.

7. $y = 5x$

8. $y = 33x$

4)

Phone Sold (x)	9	3	7	8	10
Money Earned (y)	414	138	322	368	460

Every phone sold earns 46 dollars.

5)

Tickets Sold (x)	3	2	4	5	6
Money Earned (y)	33	22	44	55	66

Every ticket sold 11 dollars are earned.

6)

Votes for Robin (x)	3	5	8	9	6
Votes for Oliver (y)	81	135	216	243	162

For Every vote for Robin there were 27 votes for Oliver.

7)

Concrete Blocks (x)	2	3	5	7	6
weight in kilograms (y)	10	15	25	35	30

Every concrete block weighs 5 kilograms.

8)

Lawns Mowed (x)	8	10	4	6	9
Dollars Earned (y)	264	330	132	198	297

For every lawn mowed 33 dollars were earned.