

When Do Super Heroes Use Decimals?



TO ANSWER THIS QUESTION:

Draw a straight line connecting each exercise with its correct answer. Each line will cross a number and a letter. The number tells you where to put the letter in the row of boxes at the bottom of the page.



4.8×100 ♦																					♦ 4.8		
$0.48 \times 10,000$ ♦																							♦ 0.0048
$480 \div 10$ ♦																							♦ 480
$4.8 \div 1000$ ♦																							♦ 2.75
48×1000 ♦																							♦ 275
0.0048×10 ♦																							♦ 4800
$48,000 \div 10,000$ ♦																							♦ 0.000275
$48 \div 100$ ♦																							♦ 0.00275
$0.48 \times 1,000,000$ ♦																							♦ 0.048
27.5×1000 ♦																							♦ 27,500
$2.75 \div 100$ ♦																							♦ 2750
$0.00275 \div 10$ ♦																							♦ 48
$2.75 \times 100,000$ ♦																							♦ 0.48
0.0275×100 ♦																							♦ 0.0275
$2750 \div 1,000,000$ ♦																							♦ 27.5
$27,500 \div 1000$ ♦																							♦ 275,000
$0.275 \times 10,000$ ♦																							♦ 48,000
27.5×10 ♦																							♦ 480,000

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
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Sale!

This problem gives you the chance to:

- work with sales discount offers and percents
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The following price reductions are available.

Two for the price of one

Buy one and get 25% off the second

Buy two and get 50% off the second one

Three for the price of two

1. Which of these four different offers gives the biggest price reduction?

Explain your reasoning clearly.

2. Which of these four different offers gives the smallest price reduction?

Explain your reasoning clearly.
