

## Total Value = Number x Value

### GUIDED EXAMPLE 1

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Linden paid a total of \$81 for 8 pair of pants and 3 caps.  
Each pair of pants cost thrice as much as a cap.  
How much did each cap cost?

### GUIDED EXAMPLE 2

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There are some \$1 notes and some \$5 notes in a box.  
There are twice as many \$1 notes as \$5 notes.  
Given that the total amount of money in the box is \$77,  
how many \$1 notes are there?

## Facebook Live #35

### GUIDED EXAMPLE 3

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The table below shows the admission fees to a circus for an adult and a child.  
There were 50 more children than adults at the circus.

If a total of \$5614 was collected, how many children were at the circus?

(Catholic High Sch/ P6 SA1/Paper2/Q9)

### GUIDED EXAMPLE 4

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Richard bought several packets of dog food in different brands, A, B and C.

The number of packets of Brand C he bought was  $\frac{1}{5}$  the number of packets of Brand A.

He paid a total of \$165 for Brand A and Brand C.

The total cost of Brand A was  $\frac{5}{8}$  the total cost of Brand B.

Find how many packets of Brand B Richard bought.



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### GUIDED EXAMPLE 5

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A fruit-stall owner spent \$20 on apples and \$75 on oranges.

He bought  $\frac{1}{3}$  as many apples as oranges.

Each orange cost \$0.20 more than each apple.

How many apples and how many oranges did he buy?