



Hints

- 1 Rearrange the expression. Notice that two of the terms can be cancelled out. Note that multiplying a number by 0.1 results in moving the number's decimal point one place to the left. Dividing a number by 0.1 results in moving the number's decimal point one place to the right. Remember, when you move one decimal point to the right in numerator, the denominator also move one decimal point to the right at the same time. For example, $\frac{10}{20} =$

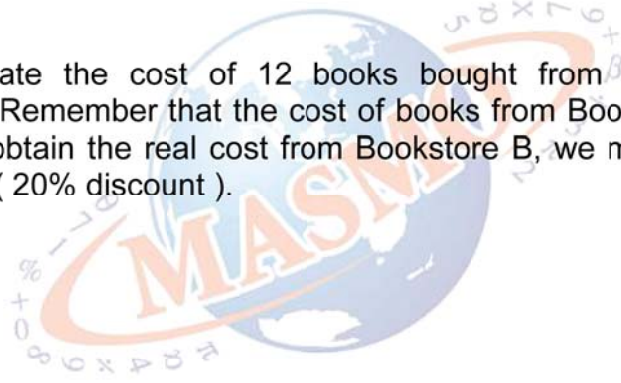
$$\frac{1}{2} = \frac{0.1}{0.2}$$





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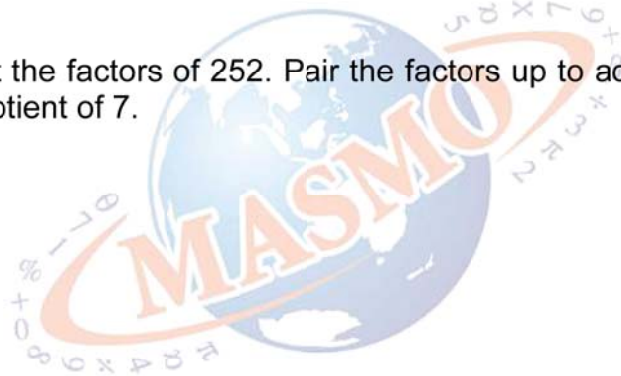
- 2** Try to calculate the cost of 12 books bought from Bookstore A and Bookstore B. Remember that the cost of books from Bookstore B has 20% discount. To obtain the real cost from Bookstore B, we multiply the cost of books by 0.8 (20% discount).





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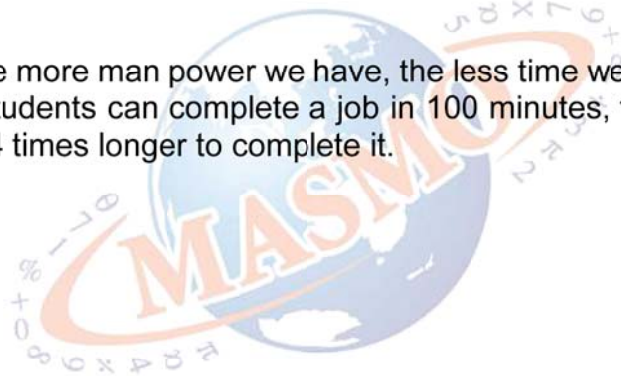
- 3** Try to find out the factors of 252. Pair the factors up to acquire a product of 252 and a quotient of 7.





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- 4** Notice that the more man power we have, the less time we need to complete the job. If 4 students can complete a job in 100 minutes, then 1 student will have to take 4 times longer to complete it.





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- 5** First find out each segment length of the smaller rectangles. The area of the rectangle is obtain by Length \times Wide. We only consider whole number. We start from the smaller rectangle with area 9, with possibilities 1×9 and 3×3 . Then try to figure out the length of the other small rectangles.

