



Fractions - Practice Exercises 2 Answers

Answer 1:

Jane has already spent $5/10$ hours = $\frac{1}{2}$ hour

She needs to spend $4/3$ hour in a day.

So, she needs to spend $(\frac{4}{3} - \frac{1}{2})$ hour = $\frac{8-3}{6} = \frac{5}{6}$ hour more today.

Answer 2:

Here, $1/4$ of the pizza = 2 slices

Together they ate, $(\frac{1}{4} + \frac{1}{4})$ of the pizza = $\frac{1+1}{4} = \frac{2}{4} = \frac{1}{2}$ of the pizza

So, the fraction of the pizza left = $(1 - \frac{1}{2}) = \frac{1}{2}$ of the pizza

Answer 3:

Total number of books = $66/11$

Non-fiction books = $2/6$ of $66/11$ books = $(\frac{2}{6} \times \frac{66}{11})$ books = $(\frac{1}{3} \times 6)$ books = 2 books

So, number of fiction books = $(\frac{66}{11} - 2) = (6 - 2) = 4$ books

Answer 4:

The discounted price is \$160

If the original price is 'x', according to the question,

$2/3^{\text{rd}}$ of x = 160

$$\frac{2}{3}x = 160$$

$$\frac{\frac{2}{3}x}{\frac{2}{3}} = \frac{160}{\frac{2}{3}}$$



$$x = \frac{160 \times 3}{2} = 240$$

So, the original price was \$240.

Answer 5:

Each serve = $\frac{1}{5}$ kg

Total preparation = $\frac{6}{8}$ kg

So, number of bowls to be served = $(\frac{6}{8} \div \frac{1}{5})$ bowls = $\frac{6}{8} \div 5 = \frac{30}{8} = 3\frac{6}{8}$ bowls

Note: Though both total preparation and the end result has $\frac{6}{8}$ fraction, in the question it is $\frac{6}{8}$ th of one kilogram and the result is 3 full bowls and $\frac{6}{8}$ th of a bowl.

Answer 6:

Erica can make $\frac{1}{5}$ card in 1 minute

She needs to make $4\frac{4}{5} = \frac{24}{5}$ cards

So she would need, $(\frac{24}{5} \div \frac{1}{5})$ minutes = $(\frac{24}{5} \times 5)$ minutes = 24 minutes