

1) BEDMAS: $2 + 14 \div 7$

2) $107 - 11 = 96$

3) $\frac{1}{2}$ of 23 = 11.5

4) $1200 \div 10 = 120$

5) $95 \div 5 = 19$

6) $256 \times 10 = 2560$

7) $810 \times 2 = 1620$

8) $11 \times 25 = 275$

9) $9009 \div 9 = 1001$

10) $125 \div 25 = 5$

$2 + 14 \div 7$

$2 + 2 = 4$



4. Subtract.

Estimate to check the answer is reasonable.

a) $\frac{4}{6} - \frac{1}{2}$ $\times 3$

b) $\frac{5}{3} - \frac{3}{4}$ $\times 3$

c) $\frac{7}{5} - \frac{5}{6}$ $\times 5$

d) $\frac{5}{6} - \frac{3}{4}$ $\times 2$ $\times 3$

5. A recipe calls for $\frac{3}{4}$ cup of walnuts and $\frac{2}{3}$ cup of pecans.

CD → Which type of nut is used more in the recipe? Walnuts

How much more? $\frac{1}{12}$

$$\frac{4}{6} - \frac{3}{6} = \frac{1}{6}$$

$$\frac{20}{12} - \frac{9}{12} = \frac{11}{12}$$

$$\frac{35}{30} - \frac{25}{30} = \frac{10}{30} = \frac{1}{3}$$

5.5 Using Symbols to Subtract Fractions 197

6. **Assessment Focus** On Saturday, Terri biked for $\frac{5}{6}$ h.On Sunday, Terri increased the time she biked by $\frac{7}{12}$ h.On Saturday, Bastien biked for $\frac{1}{2}$ h.On Sunday, Bastien increased the time he biked by $\frac{3}{4}$ h.

CD

a) Who biked longer on Sunday?

How can you tell?

$$\frac{7}{12} + \frac{1}{2} = \frac{7}{12} + \frac{6}{12} = \frac{13}{12}$$

b) For how much longer did this person bike?

c) What did you need to know about fractions to

answer these questions?

How to find CDs

5. $\frac{3}{4} + \frac{2}{3}$ $\times 4$

$$\frac{9}{12} + \frac{8}{12} = \frac{17}{12}$$

7. Write as many different subtraction questions as you can where the answer is $\frac{3}{4}$. Show your work.

8. The difference of 2 fractions is $\frac{1}{2}$. The lesser fraction is between 0 and $\frac{1}{4}$. What do you know about the other fraction?

8) $\boxed{\frac{6}{8}} - \frac{2}{8} = \frac{4}{8} = \frac{1}{2}$

? — Lesser = $\frac{1}{2}$
It's greater

7) $\frac{4}{4} - \frac{1}{4}$

$1 - \frac{1}{4}$

8)

$\frac{5}{4} - \frac{2}{4}$

$\frac{5}{4} - \frac{5}{4}$

$\frac{10}{12} - \frac{1}{12}$

Two-fifths of the students in a class voted for a trip to the zoo.
One-third voted for a trip to the museum.

- a) Which trip had more votes? **200**
 b) What is the difference of the fractions? $\frac{1}{15}$
 c) What fraction of the class did not vote?

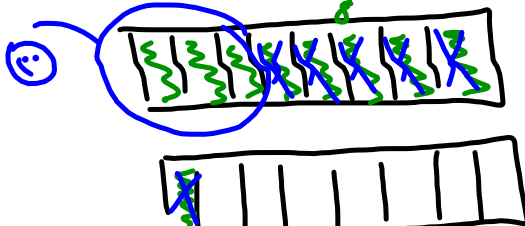
200
 $\frac{2}{5} \times 3$ **museum**
 $\frac{1}{3} \times 5$
 $\frac{6}{15} - \frac{5}{15} = \frac{1}{15}$

$\frac{6}{15} + \frac{5}{15} = \frac{11}{15}$
 $\frac{4}{15}$ did not vote
 (5)

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2b) $\frac{1}{8} - \frac{3}{4} \times 2 = \frac{3}{8}$

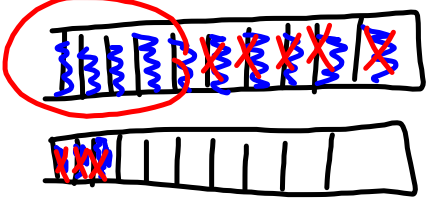
$\frac{6}{8}$



2c) $\frac{13}{10} - \frac{4}{5} \times 2 = \frac{5}{8}$

color this many

take away this many



Homework = Extra practise 4 - all of the questions :)