Arithmetic

1. 106 – 40

2. 408 – 265

3. $\frac{3}{7} - \frac{1}{7}$

4. 5 x 8

Practice: Compare Fractions

5. Recap: Explain what the symbols <, > and = mean.

6. Use >, < or = to compare the fractions.

a. $\frac{3}{4}$ ☐ $\frac{2}{4}$ b. $\frac{1}{5}$ ☐ $\frac{4}{5}$ c. $\frac{2}{7}$ ☐ $\frac{3}{7}$

7. Use >, < or = to compare the fractions.

a. $\frac{1}{7}$ ☐ $\frac{1}{5}$ b. $\frac{1}{3}$ ☐ $\frac{1}{9}$ c. $\frac{1}{2}$ ☐ $\frac{2}{4}$

8. Which is the biggest fraction?

$\frac{4}{8}$ $\frac{2}{8}$ $\frac{7}{8}$ $\frac{1}{8}$ $\frac{3}{8}$

9. Which is the smallest fraction?

$\frac{4}{9}$ $\frac{3}{9}$ $\frac{8}{9}$ $\frac{2}{9}$ $\frac{5}{9}$

10. When comparing fractions with the same numerator, the larger the denominator the ☐ the fraction?

11. Which is the biggest fraction?

$\frac{1}{7}$ $\frac{1}{5}$ $\frac{1}{6}$ $\frac{1}{3}$ $\frac{1}{9}$

12. Which is the smallest fraction?

$\frac{1}{8}$ $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{5}$ $\frac{1}{3}$

13. Trina says, "$\frac{3}{4}$ is smaller than $\frac{5}{8}$ as 5 is larger than 3.
Is Trina right or wrong? Explain your answer.

Challenge

14. Split each pair of rectangles to show fractions that satisfy the number sentences.

☐	$\frac{?}{?} > \frac{?}{?}$	☐
☐	$\frac{?}{?} < \frac{?}{?}$	☐
☐	$\frac{?}{?} = \frac{?}{?}$	☐

You might want to talk to an adult

Spot the mistake

Answers

Q no.	Question	Answer
1	106 – 40	66
2	408 – 265	143
3	$\frac{3}{7} - \frac{1}{7}$	$\frac{2}{7}$
4	5 x 8	40
5	Explain what the symbols <, > and = mean.	< means the number/ calculation to the left of the sign is less than the number/ calculation on the right. > means the number/ calculation on the left of the sign is greater than the number/ calculation on the right. = means both numbers/ calculations are equal.
6	Use >, < or = to compare the fractions.	a. >, b. <, c. <
7	Use >, < or = to compare the fractions.	a. <, b. >, c. =
8	Which is the biggest fraction?	$\frac{7}{8}$
9	Which is the smallest fraction?	$\frac{2}{9}$
10	When comparing fractions with the same numerator, the larger the denominator the ? the fraction?	The larger the denominator, the smaller the fraction. For example $\frac{2}{5}$ and $\frac{2}{6}$, $\frac{2}{6}$ is smaller than $\frac{2}{5}$ as the whole in $\frac{2}{6}$ has been split into 6 parts but the whole in $\frac{2}{5}$ has been split into only 5 parts.
11	Which is the biggest fraction?	$\frac{1}{3}$
12	Which is the smallest fraction?	$\frac{1}{8}$
13	Is Trina right or wrong? Explain your answer.	Trina is wrong because $\frac{3}{4}$ is equivalent to $\frac{6}{8}$. When comparing $\frac{6}{8}$ and $\frac{5}{8}$, $\frac{6}{8}$ is larger.
14	Split each pair of rectangles to show fractions that satisfy the number sentences.	Accept answers that appropriately satisfy the number sentences. For example, $\frac{1}{2} > \frac{1}{5}$ $\frac{5}{9} < \frac{8}{10}$ $\frac{1}{2} = \frac{10}{20}$