17/11/22

Year 5/6 Maths Homework

Add and Subtract Fractions with the Same Denominator

To add and subtract fractions with the same denominators.

1) Add or subtract. Use the fraction bars to help (you may not need all the bars). If the answer is an improper fraction, convert to a whole or mixed number.

a) $\frac{3}{6} + \frac{2}{6} =$ ☐

b) $\frac{5}{9} + \frac{7}{9} =$ ☐

c) $\frac{6}{7} + \frac{8}{7} =$ ☐

d) $\frac{13}{3} - \frac{4}{3} =$ ☐

e) $\frac{23}{4} - \frac{5}{4} =$ ☐

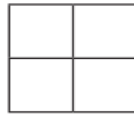Year 6

Multiplying Fractions by Wholes

Example:

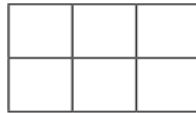$\frac{1}{3} \times 2 = \frac{2}{3}$

1. $\frac{1}{4} \times 2 =$

2. $\frac{1}{3} \times 3 =$

3. $\frac{1}{2} \times 2 =$

6. $\frac{1}{4} \times 3 =$

7. $\frac{1}{6} \times 5 =$

8. $\frac{1}{5} \times 2 =$

MULTIPLYING FRACTIONS BY AN INTEGER
SHEET 1

To multiply a fraction by an integer, simply multiply the numerator by the integer.
Remember also that $^1/_3 \times 5$ is the same as $^1/_3$ of 5.

Example $\quad \frac{2}{5} \times 6 = \frac{2 \times 6}{5} = \frac{12}{5}$

Multiply these fractions, leaving your answer as an improper fraction where appropriate.

1) $\frac{1}{3} \times 5 = \frac{\quad}{3}$

2) $\frac{1}{5}$ of 7 $= \frac{\quad}{5}$

3) $8 \times \frac{1}{7} = \frac{\quad}{7}$

4) $\frac{2}{3}$ of 4 $= \frac{\quad}{3}$

5) $\frac{1}{6} \times 11 = \frac{\quad}{6}$

6) $\frac{3}{4} \times 3 = \frac{\quad}{4}$

7) $2 \times \frac{4}{5} = \frac{\quad}{\quad}$

8) $4 \times \frac{2}{9} = \frac{\quad}{\quad}$

9) $9 \times \frac{1}{2} = \frac{\quad}{\quad}$

10) $\frac{1}{8}$ of 15 $= \frac{\quad}{\quad}$

11) $\frac{2}{7} \times 6 = \frac{\quad}{\quad}$

12) $8 \times \frac{3}{7} = \frac{\quad}{\quad}$

13) $7 \times \frac{5}{6} = \frac{\quad}{\quad}$

14) $6 \times \frac{4}{9} = \frac{\quad}{\quad}$

15) $\frac{2}{7} \times 8 = \frac{\quad}{\quad}$