

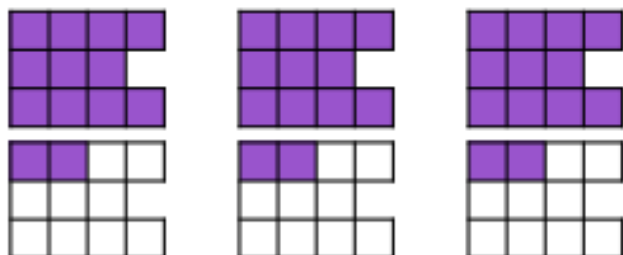
Year 6 Greater Depth Maths Questions

Multiply Fractions by Integers

Multiply Fractions by Integers

9a. Find and correct the mistake/s in the representation below.

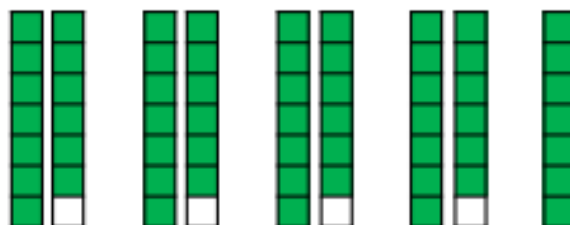
$$3 \times 2\frac{5}{11}$$



VF

9b. Find and correct the mistake/s in the representation below.

$$5 \times \frac{13}{7}$$



VF

10a. Create an image to find the answer to the calculation.

$$\frac{8}{9} \times 7 = \square$$



VF

10b. Create an image to find the answer to the calculation.

$$3\frac{12}{15} \times 4 = \square$$



VF

11a. Answer the question below.

What are 8 lots of $2\frac{7}{12}$?



VF

11b. Answer the question below.

What are 6 lots of $\frac{9}{11}$?



VF

12a. True or false?

$$8 \times 1\frac{5}{13} = \frac{23}{14} \times 7$$



VF

12b. True or false?

$$3 \times 5\frac{6}{7} < 3\frac{5}{6} \times 5$$



VF

Answers

Greater Depth

9a. The image represents $3 \times 1 \frac{2}{11}$. A further set of 3 integers needs to be added and the correct fraction shaded in.

10a. $6 \frac{2}{9}$

11a. $20 \frac{2}{3}$

12a. False; <

Greater Depth

9b. The image does not show the final $\frac{6}{7}$ to complete the calculation.

10b. $15 \frac{1}{5}$

11b. $4 \frac{10}{11}$

12b. True