

3.1.21 Maths – B Worksheet

1 Shade the bar models to represent the fractions.

a) Shade $\frac{1}{2}$ of the bar model.

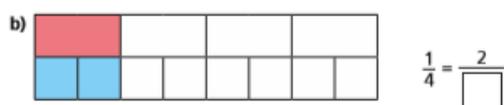


b) Shade $\frac{2}{4}$ of the bar model.



What do you notice?

2 Complete the equivalent fractions.



Fill in the missing numbers.

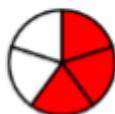
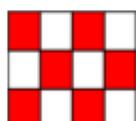
$$\frac{2}{3} = \frac{\quad}{6} = \frac{6}{\quad} = \frac{\quad}{12} = \frac{\quad}{15} = \frac{12}{\quad} = \frac{\quad}{21} = \frac{16}{\quad}$$

$$\frac{1}{4} = \frac{3}{\quad} = \frac{\quad}{20} = \frac{7}{\quad} = \frac{9}{\quad} = \frac{\quad}{44} = \frac{13}{\quad} = \frac{\quad}{60}$$

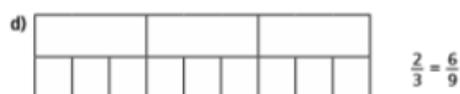
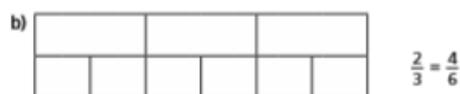
$$\frac{7}{5} = \frac{14}{\quad} = \frac{\quad}{15} = \frac{\quad}{20} = \frac{35}{\quad} = \frac{\quad}{30} = \frac{49}{\quad} = \frac{\quad}{40}$$

$$\frac{3}{8} = \frac{6}{\quad} = \frac{\quad}{24} = \frac{\quad}{32} = \frac{15}{\quad} = \frac{\quad}{48} = \frac{\quad}{56} = \frac{24}{\quad}$$

Which is the odd one out? Explain why

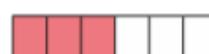


3 Shade the bar models to represent the equivalent fractions.



Can you find any more equivalent fractions using the bar models?

4 Match each bar model to its equivalent fraction.

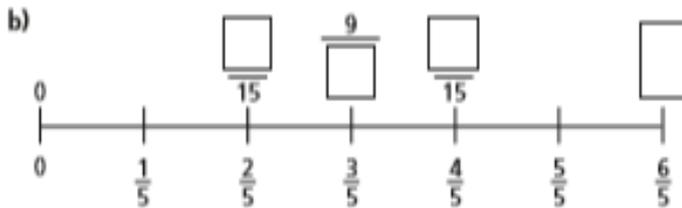
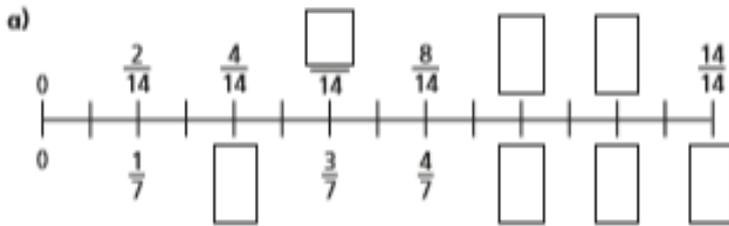


5 Shade the bar models to complete the equivalent fractions.



3.1.21 Maths – C Worksheet

4 Find the missing numbers.



Fill in the missing numbers.

$$\frac{9}{2} = \frac{\quad}{4} = \frac{27}{\quad} = \frac{36}{\quad} = \frac{\quad}{10} = \frac{54}{\quad} = \frac{\quad}{14} = \frac{\quad}{16}$$

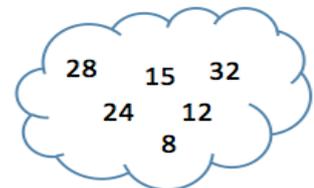
$$\frac{1}{5} = \frac{\quad}{10} = \frac{\quad}{15} = \frac{4}{\quad} = \frac{5}{\quad} = \frac{\quad}{30} = \frac{7}{\quad} = \frac{\quad}{40}$$

$$\frac{3}{4} = \frac{9}{\quad} = \frac{15}{\quad} = \frac{\quad}{28} = \frac{\quad}{36} = \frac{33}{\quad} = \frac{\quad}{52} = \frac{45}{\quad}$$

$$\frac{7}{6} = \frac{\quad}{12} = \frac{21}{\quad} = \frac{\quad}{24} = \frac{35}{\quad} = \frac{\quad}{36} = \frac{49}{\quad} = \frac{\quad}{48}$$

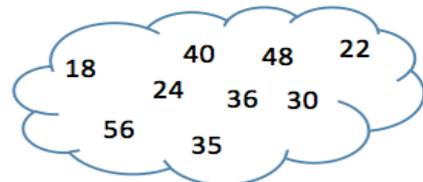
1 Use the numbers in the cloud to form fractions equivalent to:

- a) $\frac{3}{4}$ b) $\frac{4}{5}$ c) $\frac{2}{7}$



2 Same again, but this time there are some extra numbers in the cloud that you do not need.

- a) $\frac{2}{3}$ b) $\frac{5}{6}$ c) $\frac{5}{8}$



5 Here is a number line.

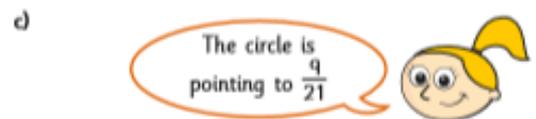


a) What fraction is each shape pointing to?

= $\frac{\quad}{\quad}$ = $\frac{\quad}{\quad}$

b) A circle is halfway between the triangle and the square.

Draw the circle on the number line.



Do you agree with Eva? _____

Show how you worked this out.

d) Write three equivalent fractions for each shape.

