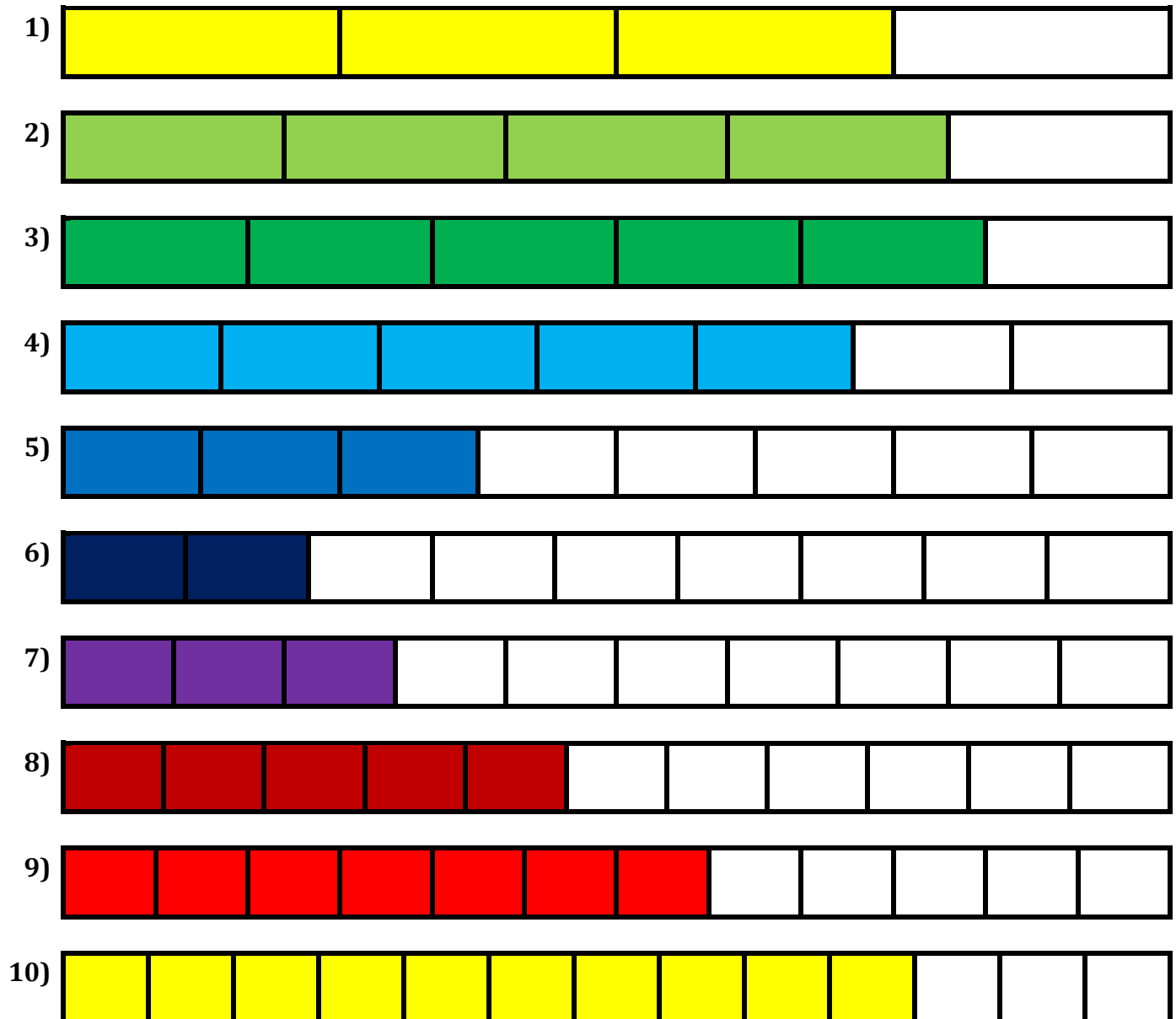


Fractions - Lesson 2

We have looked at fractions earlier this year but, before we introduce any new ideas, we will do a little revision to make sure everyone is on board.

Which fractions is shaded in each bar?



To calculate $\frac{3}{7}$ of 504: -

a) Divide 504 by 7 to find one seventh of 504

b) Multiply your answer to a) by 3 to turn one seventh into three sevenths of 504

Now try these examples: -

11) $\frac{3}{4}$ of 400

12) $\frac{3}{5}$ of 400

13) $\frac{3}{8}$ of 400

14) $\frac{5}{8}$ of 400

15) $\frac{7}{10}$ of 400

16) $\frac{2}{7}$ of 427

17) $\frac{4}{7}$ of 576

18) $\frac{6}{7}$ of 658

19) $\frac{3}{7}$ of 784

20) $\frac{5}{7}$ of 868

Without doing any calculations, which is larger? Explain your answer.

21) A: $\frac{17}{23}$ of 4567 **or** B: $\frac{17}{24}$ of 4567?

22) A: $\frac{11}{23}$ of 4567 **or** B: $\frac{11}{23}$ of 4765?

23) A: $\frac{17}{23}$ of 4567 **or** B: $\frac{11}{23}$ of 4567?

24) A: $\frac{19}{24}$ of 4657 **or** B: $\frac{19}{25}$ of 4657?

25) A: $\frac{117}{4567}$ of 23 **or** B: $\frac{117}{7654}$ of 23?