

Good morning, today's activity is fraction word problems. Read the questions carefully and take them one step at a time.

Draw out the fractions to help you. Send your answers to Class Dojo to earn some Dojo points.

### Fraction word problems

1. Two pizzas are cut into  $\frac{1}{5}$ s. Miss Wooderson eats  $\frac{2}{5}$ s of the ham and pineapple and  $\frac{3}{5}$ s of the mushroom pizza. How much pizza did she eat altogether?

Answer: \_\_\_\_\_

2. Three cakes are cut into  $\frac{1}{8}$ s. Miss Wooderson ate  $\frac{2}{8}$ s of the chocolate cake, Mrs Kelly ate  $\frac{4}{8}$ s of the carrot cake and Mr Harrington ate  $\frac{3}{8}$ s of the lemon cake. How much cake was eaten altogether?

Answer: \_\_\_\_\_

How much is left of each cake?

Answer: \_\_\_\_\_

3. Two loaves of bread are sliced into  $\frac{1}{12}$ s.  $\frac{5}{12}$ s of the granary and  $\frac{5}{12}$ s of the wholemeal was made into sandwiches. How much bread was used altogether?

Answer: \_\_\_\_\_

4. An apple pie is sliced into eighths.  $\frac{2}{8}$ s of the apple pie are eaten with custard and  $\frac{4}{8}$ s of the apple pie are eaten with cream.

What fraction of apple pie was left? \_\_\_\_\_ /8

How else can you write this fraction? \_\_\_\_\_

5. A running track is  $\frac{1}{4}$  of a kilometre. What is the total distance a runner travels if he goes three times round the track?

Answer: \_\_\_\_\_

How many times would you have to go round the track to run 2 kilometres?

Answer: \_\_\_\_\_

6. Kelly has 40 marbles. She gives  $\frac{1}{8}$  to her friend Daniel. She gives  $\frac{1}{4}$  to her friend Katy.

How many does Daniel get? Answer \_\_\_\_\_

How many does Katy get? Answer \_\_\_\_\_

How many are left? Answer \_\_\_\_\_

Out of what is left, she wants to keep 10 for herself and then share out the rest equally between five more friends. Is this possible?

Show your answer and working out: