

3EE
Kaveh



POWER
MATHS

Year 3
Practice
Book
3B



My name is _____

I am in _____

Kaveh's targets 4/12/19 p45-102

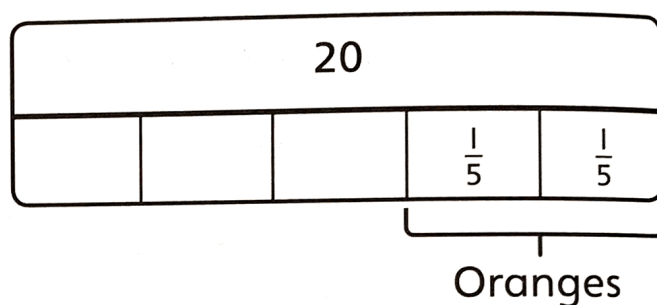
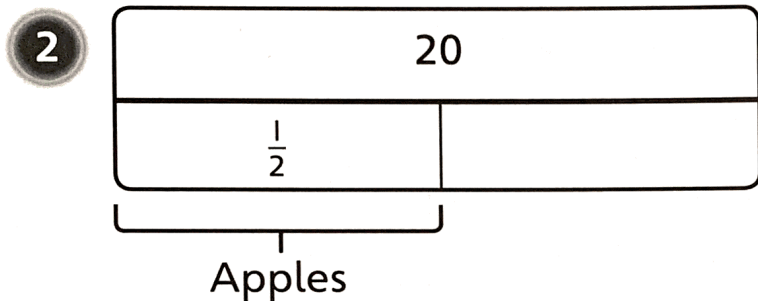
Practise column ^msubtractions to
get confident with the method and
read addition & subtraction word problems
carefully. to work out what calculation to do

Problem solving – fractions

- 1 There are 24 kg of rice in a sack. A restaurant uses $\frac{2}{3}$ of the rice.

How many kilograms of rice are left in the sack?

There are kg of rice left in the sack.



There are 20 pieces of fruit in a bowl.

$\frac{1}{2}$ are apples, $\frac{2}{5}$ are oranges and the rest are bananas.

- a) How many apples are in the fruit bowl?

$$\frac{1}{2} \text{ of } 20 = \boxed{}$$



There are apples in the fruit bowl.

- b) How many oranges are in the fruit bowl?

$$\frac{\boxed{}}{\boxed{}} \text{ of } 20 = \boxed{}$$

$$\boxed{} \div \boxed{} = \boxed{}$$

$$\boxed{} \times \boxed{} = \boxed{} \text{ oranges}$$

c) How many bananas are in the fruit bowl?

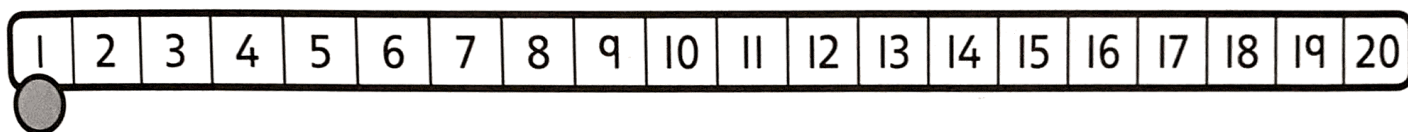
What fraction is this of the whole?

$$\square \text{ apples} + \square \text{ oranges} = \square$$

$$20 - \square = \square$$

There are \square bananas. This is $\frac{\square}{\square}$ of the whole.

3



After the first roll of a dice the counter is moved $\frac{1}{4}$ of the way along the number track.

After the second roll of the dice it is moved another $\frac{1}{5}$ of the way along the track.

What number does the counter finish on?

$$\frac{1}{4} \text{ of } 20 = \square$$

$$\frac{1}{5} \text{ of } 20 = \square$$

$$\square + \square = \square$$

The counter finishes on number \square .

4 $\frac{2}{3}$ of a group of children are boys. 18 children in the group are girls.

How many children are there in the group?

There are \square children in the group.

CHALLENGE

- 5 Holly has baked some blueberry, chocolate chip and raspberry muffins.

$\frac{1}{8}$ of the muffins are blueberry.

$\frac{3}{8}$ of the muffins are chocolate chip.

There are 12 raspberry muffins.

How many muffins did Holly bake in total?

You could use a bar model to help.



Holly baked muffins.

Reflect

$$\frac{1}{12} \text{ of } 60 = 5$$

What other fraction number sentences can be written from this fact?

- _____
- _____
- _____