

Last term

20,417 is shown in the place value chart.

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What is 100 more than 20,417?

What is 10 less than 20,417?

What is 1,000 less than 20,417?

Previous learning

Amir uses the relationships between the numerators and denominators to find equivalent fractions.

$$\times 7 \quad \frac{1}{7} = \frac{4}{28} \quad \div 5 \quad \frac{3}{15} = \frac{1}{5}$$

Use Amir's method to find the missing numbers.

$$\triangleright \frac{1}{2} = \frac{8}{\square} \quad \triangleright \frac{1}{5} = \frac{\square}{20} \quad \triangleright \frac{1}{12} = \frac{\square}{36} \quad \triangleright \frac{\square}{3} = \frac{10}{30}$$

We are currently learning

Complete the calculation to work out 23×14

		2	3		
×		1	4		
		9	2		
		2	3	0	

(23 × 4)
(23 × 10)

Use this method to work out the multiplications.

34 × 26

58 × 15

72 × 35

We are learning next

Write the multiplications as repeated additions.

$\frac{1}{5} \times 4$

$5 \times \frac{1}{4}$

$5 \times \frac{1}{6}$

$\frac{1}{4} \times 4$

What do you notice?

Last term

Year 5 and Year 6 are going on a school trip.

The school has a bus with 56 seats and a minibus with 17 seats.

There are 44 people in the Year 5 group and 38 people in the Year 6 group.

How many more seats are needed for both groups to go on the trip?

Previous learning

The bar models shows that $2 = \frac{10}{5}$



Work out the missing numbers.

▶ $3 = \frac{\square}{5}$

▶ $2 = \frac{\square}{4}$

▶ $\text{---} = \frac{16}{4}$

▶ $\frac{9}{3} = \text{---}$

We are currently learning

Use short division to work out the divisions.

$844 \div 4$

$684 \div 6$

$540 \div 4$

$804 \div 3$

We are learning next

Write $<$, $>$ or $=$ to compare the fractions of amounts.

$\frac{1}{3}$ of 33 \bigcirc $\frac{2}{5}$ of 25

$\frac{2}{7}$ of 140 \bigcirc $\frac{3}{4}$ of 76

Last term



Which of the numbers is 2 a factor of?

Which of the numbers is 4 a factor of?

What do you notice?

Previous learning

In a factory, muffins are packed into boxes of 6

One day, the factory makes 5,625 muffins.

How many muffins will not be boxed?



We are currently learning

A hockey pitch is 91 m long and 55 m wide.

What is the area of the pitch?

The area of a field is 25,000 m²

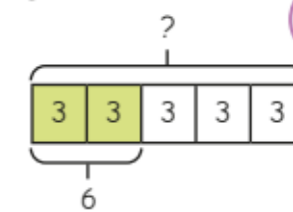
How many hockey pitches might fit in it?

How do you know what calculation to do?

We are learning next

Kim uses a bar model to help work out the missing amount.

$$\frac{2}{5} \text{ of } \underline{\hspace{2cm}} = 6$$



If 2 equal parts are 6, 1 part must be 3



$$\begin{aligned} 6 \div 2 &= 3 \\ 3 \times 5 &= 15 \\ \frac{2}{5} \text{ of } 15 &= 6 \end{aligned}$$

Use Kim's method to work out the missing amounts.

▶ $\frac{2}{5}$ of $\underline{\hspace{2cm}}$ = 8

▶ $\frac{3}{7}$ of $\underline{\hspace{2cm}}$ = 18

▶ $\frac{4}{5}$ of $\underline{\hspace{2cm}}$ = 20

▶ $\frac{6}{7}$ of $\underline{\hspace{2cm}}$ = 54

Last term

$$\frac{1}{2} + \frac{5}{6} + \frac{7}{12}$$

$$\frac{2}{5} + \frac{7}{20} + \frac{9}{10}$$

$$\frac{4}{15} + \frac{2}{3} + \frac{11}{30}$$

Work out the additions.

Previous learning

Complete the multiplications.

Give your answers as mixed numbers.

▶ $\frac{3}{13} \times 5$

▶ $6 \times \frac{5}{7}$

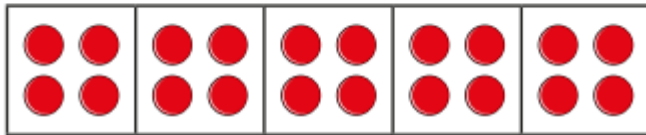
▶ $\frac{6}{11} \times 9$

▶ $8 \times \frac{7}{12}$

We are currently learning

The bar model shows 20 counters shared equally into 5 groups.

Use the bar model to find the fractions of amounts.

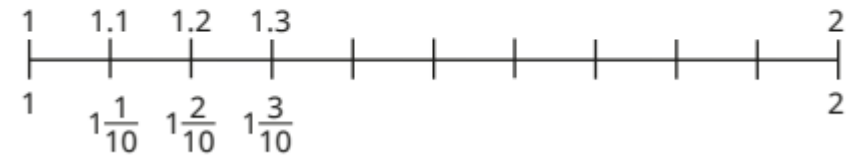


- ▶ $\frac{1}{5}$ of 20 ▶ $\frac{2}{5}$ of 20 ▶ $\frac{3}{5}$ of 20 ▶ $\frac{4}{5}$ of 20 ▶ $\frac{5}{5}$ of 20

What do you notice?

We are learning next

Complete the number line.



Last term

Work out the additions.

Use equivalent fractions in your answer, if possible.

a) $5\frac{1}{8} + \frac{3}{8}$

c) $\frac{2}{12} + 3\frac{7}{12}$

b) $5\frac{3}{8} + \frac{3}{8}$

d) $\frac{2}{9} + 4\frac{7}{9}$

Previous learning

Work out the divisions.

a)

	3	6	9	0

d)

	5	5	6	5

b)

	2	9	2	4

e)

	4	8	5	6

c)

	3	6	4	5

f)

	3	4	3	2

We are currently learning

Work out the multiplications.

a) $2 \times \frac{3}{7}$

c) $\frac{2}{11} \times 4$

e) $\frac{2}{15} \times 7$

b) $3 \times \frac{3}{11}$

d) $5 \times \frac{2}{11}$

f) $\frac{7}{15} \times 2$

We are learning next

What is the value of the digit 4 in each of these numbers?

a) 14.8

c) 8.04

e) 106.48

b) 13.74

d) 42.03

f) 176.4