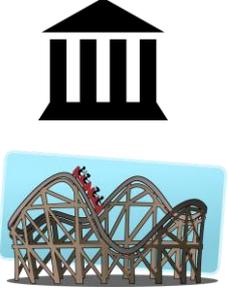


Name Date

Super-questions

Read through these word problems and answer the questions. Remember to show your workings out.

<p>1. In a bag, there are 12 marbles. $\frac{1}{2}$ are blue. How many blue marbles are there?</p>	 <p>2. On a bus there are 16 passengers. $\frac{1}{2}$ are children. How many children are there?</p> 
<p>3. I win £9 in a game but give $\frac{1}{3}$ away. How much do I give away?</p>	 <p>4. In the classroom there are 15 children. $\frac{1}{3}$ chose maths as their favourite subject. How many children did not choose maths?</p> 
<p>5. I threw away 20 kilogrammes of rubbish, but I recycled $\frac{1}{4}$ of it. How much rubbish did I recycle?</p>	 <p>6. There are 24 hours in a day. Molly spends $\frac{1}{4}$ of her day at school. For how many hours is she at school?</p> 
<p>7. There are 150 millilitres of juice in my bottle, but I spill $\frac{1}{5}$ of it. How much do I spill?</p>	 <p>8. I am reading a book which is 55 pages long. I have read $\frac{1}{5}$ of it. How many pages have I got left to read?</p> 
<p>9. A coat costs Raj £36. His mum gave him $\frac{1}{3}$ of the money towards the cost of the coat. How much does Raj have to pay?</p>	 <p>10. There are 24 pupils in Justin's class. $\frac{1}{4}$ of the pupils go to the museum and $\frac{1}{3}$ of the pupils go to the theme park. How many children don't go on a trip?</p> 

Can you write a story problem for these calculations and then work out the answers?

- a) $\frac{1}{2}$ of 14. b) $\frac{1}{4}$ of 20

Name Date

Mega-questions

Read through these word problems and answer the questions. Remember to show your workings out.

<p>1. There are 55 dinosaur bones at the local museum. Out of these, $\frac{2}{5}$ are from a Tyrannosaurus Rex. How many bones would that be?</p>	<p>2. Sara is having a party. Her cake is cut into 24 pieces. $\frac{3}{4}$ of the cake is eaten during the party. How many pieces of cake are left?</p>
<p>3. I win £45 in a game, but give $\frac{2}{3}$ away. How much do I give away?</p>	<p>4. In the classroom there are 30 children. $\frac{1}{5}$ chose maths as their favourite subject. How many children did not choose maths?</p>
<p>5. I threw away 28 kilogrammes of rubbish, but I recycled $\frac{3}{4}$ of it. How much rubbish did I recycle?</p>	<p>6. A shark chases 44 fish, and eats $\frac{3}{4}$ of them. How many does it eat?</p>
<p>7. There are 420 millilitres of juice in my bottle, but I spill $\frac{3}{6}$ of it. How much do I spill?</p>	<p>8. I am reading a book which is 20 pages long. I have read $\frac{3}{10}$ of it. How many pages have I read?</p>
<p>9. There are 36 pupils in Justin's class. $\frac{1}{6}$ of the pupils go to the museum, $\frac{1}{4}$ go to the zoo and $\frac{1}{2}$ of them go to the theme park. How don't go on a trip?</p>	<p>10. We carried out a traffic survey at school. Of the 48 vehicles $\frac{1}{3}$ were bikes, $\frac{1}{4}$ were vans, how many were cars?</p>

Can you write story problems for these calculations, and then work out the answers?

- a) $\frac{2}{3}$ of 66 b) $\frac{3}{4}$ of 84

Name Date

Ultra-questions

Read through these word problems and answer the questions. Remember to show your workings out.

<p>1. I have a bag of 48 sweets. $\frac{3}{4}$ of the sweets are strawberry-flavoured. How many are of a different flavour?</p>	<p>2. On a coach, there are 72 passengers. $\frac{2}{3}$ are children. How many children are there?</p>
<p>3. I win £150 in a game, but give $\frac{2}{3}$ away. How much do I give away?</p>	<p>4. In the school, there are 240 children. $\frac{1}{3}$ chose maths as their favourite subject. How many children did not choose maths?</p>
<p>5. I threw away 64 kilogrammes of rubbish, but I recycled $\frac{3}{8}$ of it. How much rubbish did I recycle?</p>	<p>6. A shark chases 48 fish and eats $\frac{1}{8}$ of them. How many does it eat?</p>
<p>7. There are 65 millilitres of juice in my bottle, but I spill $\frac{2}{5}$ of it. How much do I spill?</p>	<p>8. I am reading a book which is 230 pages long. I have read $\frac{7}{10}$ of it. How many pages have I got left to read?</p>
<p>9. I had 52 smarties but I ate $\frac{3}{4}$ of them. How many smarties are left?</p>	<p>10. 84 children go out on school trips. $\frac{1}{6}$ go to the museum, $\frac{1}{4}$ go to the zoo and the rest go to a theme park. How many children went on each trip?</p>

Can you write story problems for these calculations, and then work out the answers?

- a) $\frac{1}{5}$ of 75. b) $\frac{1}{3}$ of 180. c) $\frac{3}{4}$ of 124.

Answers

Super-questions

1. 6 marbles
2. 8 children
3. £3
4. 10 children
5. 5 kilogrammes
6. 6 hours
7. 30 millilitres
8. 44 pages
9. £24
10. 6 pupils go to the museum and 8 pupils go to the theme park. 10 didn't go on a trip.

Mega-questions

1. 22 bones
2. 6 pieces
3. £30
4. 24 children
5. 21 kilogrammes
6. 33 fish
7. 210 millilitres
8. 6 pages
9. 6 pupils go to the museum, 9 pupils go to the zoo and 18 pupils go to the theme park. 3 didn't go on a trip

Ultra-questions

1. 12 sweets
2. 48 children
3. £100
4. 160 children
5. 24 kilogrammes
6. 6 fish
7. 26 millilitres
8. 69 pages
9. 13 smarties
10. 14 children go to the museum, 21 children go to the zoo and 49 go to the theme park.