

Name:

Dividing by 7

Question 1

Melissa has 21 coins.
She places them in 7 equal piles.
How many coins in each pile?

Question 2

After filling 7 small drums the 35 L drum is empty.
What is the capacity of each small drum?

Question 3

Kyle has 28 Easter Eggs to share with 7 friends.
How many Easter Eggs will each child get?

Question 4

84 sweets are shared between 7 children.
How many sweets does each child get?

Question 5

70 students are divided into 7 equal teams.
How many students on each team?

Question 6

77 people in a tour group visited Sydney.
They were divided into 7 equal groups for their guided talk.
How many people in each group?

Question 7

A 56 cm strip of cardboard is cut into 7 equal pieces.
How long is each piece?

Question 8

7 hats cost \$35.
What is the cost of 1 hat?

Question 9

Manny has 84 coins.
She places them in 7 equal piles.
How many coins in each pile?

Question 10

To complete the 28 km race competitors must paddle around the course 7 times.
How far is 1 lap of the course?

Dividing by 7 - solutions

<p>Question 1 Melissa has 21 coins. She places them in 7 equal piles. How many coins in each pile?</p>	<p>Solution To calculate how many coins Melissa has in each pile, divide the total number of coins by the number of piles.</p> $21 \div 7 = 3$
<p>Question 2 After filling 7 small drums the 35 L drum is empty. What is the capacity of each small drum?</p>	<p>Solution To calculate the capacity of each small drum, divide the capacity of the 35 L drum by the number of smaller drums.</p> $35 \div 7 = 5$
<p>Question 3 Kyle has 28 Easter Eggs to share with 7 friends. How many Easter Eggs will each child get?</p>	<p>Solution To calculate the number of Easter Eggs each child will get, divide the number of eggs by the number of Kyle's friends.</p> $28 \div 7 = 4$
<p>Question 4 84 sweets are shared between 7 children. How many sweets does each child get?</p>	<p>Solution To calculate the number of sweets each child will get, divide the number of sweets by the number of children.</p> $84 \div 7 = 12$
<p>Question 5 70 students are divided into 7 equal teams. How many students on each team?</p>	<p>Solution To calculate the number of students on each team, divide the number of students by the number of teams.</p> $70 \div 7 = 10$
<p>Question 6 77 people in a tour group visited Sydney. They were divided into 7 equal groups for their guided talk. How many people in each group?</p>	<p>Solution To calculate the number of people in each group, divide the total number of people by the number of groups.</p> $77 \div 7 = 11$
<p>Question 7 A 56 cm strip of cardboard is cut into 7 equal pieces. How long is each piece?</p>	<p>Solution To calculate the length of each piece of cardboard, divide the length of the original strip by the number of pieces.</p> $56 \div 7 = 8$
<p>Question 8 7 hats cost \$35. What is the cost of 1 hat?</p>	<p>Solution To calculate the cost of one hat, divide the price of the hats by 7.</p> $35 \div 7 = \$5$
<p>Question 9 Manny has 84 coins. She places them in 7 equal piles. How many coins in each pile?</p>	<p>Solution To calculate the number of coins in each pile, divide the number of coins by the number of piles.</p> $84 \div 7 = 12$
<p>Question 10 To complete the 28 km race competitors must paddle around the course 7 times. How far is 1 lap of the course?</p>	<p>Solution To calculate the length of one lap of the course, divide the total length of the race by how many times they must paddle around the course.</p> $28 \div 7 = 4$