

HARD

- 1) 30 children go to lunch. Each table can seat 5 people. How many tables are needed? $30 \div 5 = 6$ tables are needed.
- 2) Mr Jones wins £50 and shares it between 2 friends. How much do they each get? $£50 \div 2 = £25$ each.
- 3) Charlie brought 64 sweets and gave 4 sweets to everyone in his class. How many children are in the class? $64 \div 4 = 16$ children are in the class.
- 4) Antony ordered 5 pizzas. He paid £315. What Is the cost of each pizza? $£315 \div 5 = £63$ is the cost of each pizza.
- 5) A baker made 210 cakes in 5 days. How many cakes did the baker make in a day? $210 \div 5 = 42$ cakes were made in a day.

HARDER

- 1) A baker made 210 cakes in 5 days. How many cakes did the baker make in a day? $210 \div 5 = 42$ cakes were made in a day.
- 2) Antony ordered 6 pizzas. He paid £312. What is the cost of each pizza? $£312 \div 6 = £52$ was the cost of each pizza.
- 3) The maintenance charge collected from 8 houses is £120. What is the maintenance charge per house? $£120 \div 8 = £15$ is the maintenance charge per house.
- 4) A florist made 294 bouquets in 7 days. How many bouquets did the florist make in a day?

$294 \div 7 = 42$ bouquets were made by the florist in a day.

5) A tiger eats 9 pounds of flesh a day. If the tiger caught prey that weighed 216 pounds, how long will the food last?

$216 \div 9 = 24$ days the food will last for.

HARDEST

1) A tiger eats 17 pounds of flesh a day. If the tiger caught prey that weighed 357 pounds, how long will the food last?

$357 \div 17 = 21$ days the food would last for.

2) Sarah collected 900 different leaves. She made a collection of books with 25 leaves in each book. How many books of leaves did Sarah collect? $900 \div 25 = 36$ books of leaves Sarah collected.

3) A tray can hold 234 eggs. If there are 18 rows in a tray. How many columns are there? $234 \div 18 = 13$ columns of eggs are there.

4) The Smythe family has £472 to spend on rides. All rides cost £15. How many ride tickets can they buy?

$£472 \div £15 = 31 \text{ r}£7$ so they can afford to buy 31 ride tickets.

5) At the end of the day the hot dog stall counted £5433 in the till. Hot dogs cost £12 each. How many had they sold?

$£5433 \div £12 = 452.75$ hot dogs had been sold.

HERCULEUN

- 1) A family of 2 adults and 4 children go to the fairground. Entrance to the fairground costs £43 for adults and £26 for children. They have a total of £500. Rides cost £6 each. How many rides can they go on after they pay for the entrance?

$$\text{Adults} - £43 \times 2 = £86$$

$$\text{Children} - £26 \times 4 = £104$$

$$\text{Total} = £190 \text{ for entry to the park.}$$

$$£500 - £190 = £310 \text{ left}$$

$$\text{Rides} = £310 \div £6 = 51 \text{ r } £4 \text{ so they can go on 51 rides.}$$

- 2) The theatre has taken £3240 on adult tickets and £2758 on child tickets. If an adult ticket costs £9 and a child ticket costs £7. How many tickets were sold in total?

$$\text{Adult tickets} = £3240 \div £9 = 360 \text{ tickets}$$

$$\text{Childrens tickets} = £2758 \div 7 = 394 \text{ tickets}$$

$$\text{Total tickets sold} = 754$$

Write your own word problem that involves rounding up or down for each of these calculations.

1) $263 \div 4 =$

2) $5678 \div 12 =$

Answers vary.