

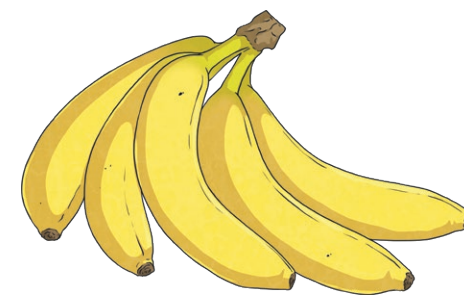


Division Problems with Remainders



1. There are 12 children at breakfast club. The teacher has 28 bananas to give to them.

How many whole bananas will each child get?



Division Problems with Remainders



2. A football coach shares 22 oranges between 7 players.
How many oranges will each player get?

Which equation shows the correct answer?

$$22 \div 7 = 3 \qquad 22 \div 7 = 3 \text{ r } 1$$

$$22 \div 7 = 3 \text{ r } 2 \qquad 22 \div 7 = 3 \text{ r } 3$$



Division Problems with Remainders



3. It takes Polly 4 minutes to paint someone's face at the summer fair. There is a long queue.

How many faces can she paint in 25 minutes?

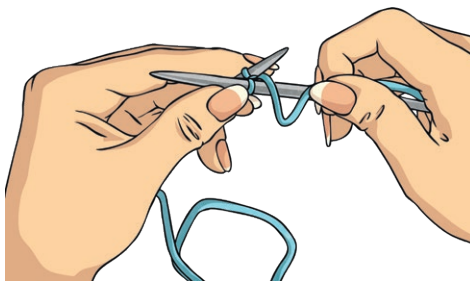


Division Problems with Remainders



4. It takes 8 minutes for Alex to knit a small square for her patchwork blanket.

How many squares can she knit in 50 minutes?



Division Problems with Remainders



5. Which of these division calculations have the answer of 6 r 2?

$$40 \div 5 =$$

$$42 \div 4 =$$

$$38 \div 6 =$$

$$22 \div 3 =$$

Division Problems with Remainders



6. Raj writes $46 \div 5 = 8 \text{ r } 6$

Explain what mistake Raj has made and write the correct answer.



Division Problems with Remainders



7. A teacher shares 47 lollipops between a group of 9 students. How many lollipops will each student get?

Which equation shows the correct answer?

$$47 \div 9 = 5 \text{ r } 1$$

$$47 \div 9 = 5$$

$$47 \div 9 = 5 \text{ r } 2$$

$$47 \div 9 = 6$$

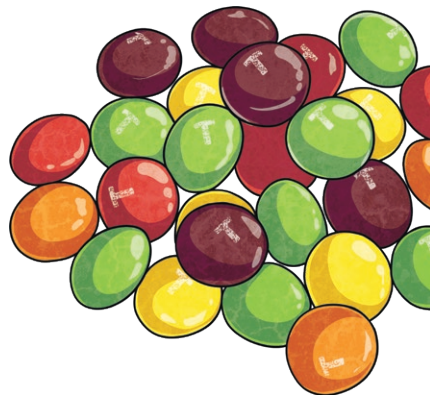


Division Problems with Remainders



8. Olivia has 75 sweets to share equally into party bags. She has 11 party bags.

How many sweets will there be in each bag? How many will be left over?



Division Problems with Remainders



9. Which of these division calculations have the answer of 5 r 2?

$$74 \div 12 =$$

$$75 \div 12 =$$

$$62 \div 12 =$$

$$65 \div 12 =$$

Division Problems with Remainders



10. It takes Matthew and his dog 9 minutes to walk around the field.

How many times can he walk around the field in 1 hour?

How many minutes will he have left to walk home?



Division Problems with Remainders



11. Lauren has bought 26 daffodil bulbs from the garden centre. She needs to divide them between her 3 new plant pots. How many bulbs will she have left over?

Who has answered the question correctly?
Charlie says she will have 5 bulbs left over.
Mei says she will have 2 bulbs left over.





Division Problems with Remainders

Challenge cards

Answers

Division Problems with Remainders



1. $28 \div 12 = 2 \text{ r } 4$

They will each get 2 whole bananas.

2. $22 \div 7 = 3 \text{ r } 1$

3. $25 \div 4 = 6 \text{ r } 1$

She will be able to paint 6 faces.

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Division Problems with Remainders



4. $50 \div 8 = 6 \text{ r } 2$

Alex will be able to knit 6 squares.

5. $38 \div 6 = 6 \text{ r } 2$

6. Raj writes $46 \div 5 = 8 \text{ r } 6$. He has calculated $5 \times 8 = 40$ which then leaves 6. He should have found that $5 \times 9 = 45$ which then leaves remainder 1.

7. $47 \div 9 = 5 \text{ r } 2$

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Division Problems with Remainders



8. $75 \div 11 = 6 \text{ r } 9$. There will be 6 sweets in a bag and 9 sweets left.

9. $62 \div 12 = 5 \text{ r } 2$

10. There are 60 minutes in an hour.

$60 \div 9 = 6 \text{ r } 6$. He can walk round 6 times. He will have 6 minutes to get back home.

11. $26 \div 3 = 8 \text{ r } 2$. Mei has answered correctly.

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