



# Sugar Rush

I can solve division problems using a formal written method.



1. How many 5s are there in 25? ( $25 \div 5 = ?$ )

2. How many 4s are there in 36? ( $36 \div 4 = ?$ )

3. How many groups of 8 are there in 16? ( $16 \div 8 = ?$ )

4. How many 3s are there in 15? ( $15 \div 3 = ?$ )

5. How many 4s are there in 44? ( $44 \div 4 = ?$ )

6.  $8 \overline{) 80}$

8.  $8 \overline{) 88}$

10.  $8 \overline{) 96}$

7.  $3 \overline{) 42}$

9.  $4 \overline{) 64}$



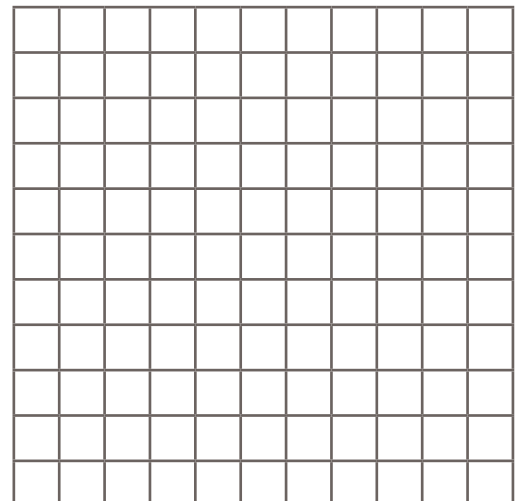
Will there be any remainders... (Use the grid to work out your answers.)

11. If you divide 41 sweets by 4?

12. If you share 34 sweets by 3?

13. If you divide 53 sweets by 4?

14. If you share 50 sweets by 5?





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1.  $8 \overline{) 80}$

3.  $8 \overline{) 88}$

5.  $8 \overline{) 96}$

2.  $3 \overline{) 42}$

4.  $4 \overline{) 64}$



Use a ruler to help you set out the written method and complete the calculations.

6. 48 sweets  $\div$  4 people = \_\_\_\_\_

7. 36 sweets  $\div$  3 people = \_\_\_\_\_

8. 55 sweets  $\div$  5 people = \_\_\_\_\_

9. 96 sweets  $\div$  8 people = \_\_\_\_\_

10. 88 sweets  $\div$  8 people = \_\_\_\_\_

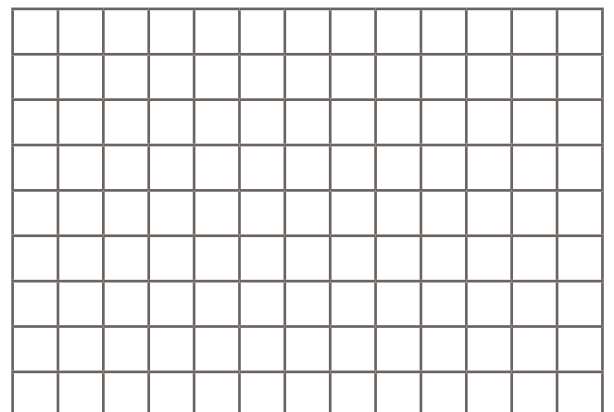
Will there be any remainders... (Use the grid to work out your answers.)

11. If you divide 41 sweets by 4?

12. If you share 34 sweets by 3?

13. If you divide 53 sweets by 4?

14. If you share 50 sweets by 5?





# Sugar Rush

I can solve division problems using a formal written method.



1.  $3 \overline{) 45}$

3.  $4 \overline{) 52}$

5.  $8 \overline{) 88}$

2.  $9 \overline{) 90}$

4.  $3 \overline{) 57}$

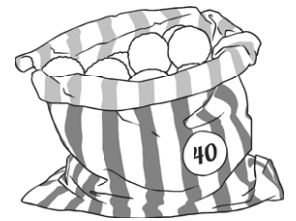
Will there be any remainders...

6. If you divide 41 sweets by 4 people?

7. If you share 34 sweets between 3 people?

8. If you divide 53 sweets by 4 people?

9. If you share 50 sweets by 5 people?



Use a ruler to help you set out the written method and complete the calculations.

Some of them might have remainders – watch out!

10.  $48 \div 4 =$  \_\_\_\_\_

11.  $38 \div 3 =$  \_\_\_\_\_

12. There are 37 sweets. Karim shares the sweets between five friends. How many sweets does each person receive? Are there any sweets that can't be shared?

\_\_\_\_\_

13. The Stanley family won 84 sweets in a raffle. Conor must share the sweets between his 8 children. How many sweets does each child receive? Are there any sweets that can't be shared?

\_\_\_\_\_



# Sugar Rush Answers

1. How many 5s are there in 25? ( $25 \div 5 = ?$ )

5

2. How many 4s are there in 36? ( $36 \div 4 = ?$ )

9

3. How many groups of 8 are there in 16? ( $16 \div 8 = ?$ )

2

4. How many 3s are there in 15? ( $15 \div 3 = ?$ )

5

5. How many 4s are there in 44? ( $44 \div 4 = ?$ )

11

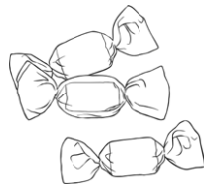
6. 
$$\begin{array}{r} 10 \\ 8 \overline{) 80} \end{array}$$

8. 
$$\begin{array}{r} 11 \\ 8 \overline{) 88} \end{array}$$

10. 
$$\begin{array}{r} 12 \\ 8 \overline{) 96} \end{array}$$

7. 
$$\begin{array}{r} 14 \\ 3 \overline{) 42} \end{array}$$

9. 
$$\begin{array}{r} 16 \\ 4 \overline{) 64} \end{array}$$



Will there be any remainders...

11. If you divide 41 sweets by 4?

Yes. 1 left over

12. If you share 34 sweets by 3?

Yes. 1 left over

13. If you divide 53 sweets by 4?

Yes. 1 left over

14. If you share 50 sweets by 5?

No



# Sugar Rush Answers

$$1. \quad 8 \overline{) 80} \quad \text{10}$$

$$3. \quad 8 \overline{) 88} \quad \text{11}$$

$$5. \quad 8 \overline{) 96} \quad \text{12}$$

$$2. \quad 3 \overline{) 42} \quad \text{14}$$

$$4. \quad 4 \overline{) 64} \quad \text{16}$$



Use a ruler to help you set out the written method and complete the calculations.

6. $48 \div 4 = \underline{12}$	
7. $36 \div 3 = \underline{12}$	
8. $55 \div 5 = \underline{11}$	
9. $96 \div 8 = \underline{12}$	
10. $88 \div 8 = \underline{11}$	

Will there be any remainders...

11. If you divide 41 sweets by 4?

Yes. 1 left over

12. If you share 34 sweets by 3?

Yes. 1 left over

13. If you divide 53 sweets by 4?

Yes. 1 left over

14. If you share 50 sweets by 5?

No




# Sugar Rush Answers

$$1. \quad 3 \overline{) 45} \quad \begin{array}{r} 15 \\ \hline \end{array}$$

$$3. \quad 4 \overline{) 52} \quad \begin{array}{r} 13 \\ \hline \end{array}$$

$$5. \quad 8 \overline{) 88} \quad \begin{array}{r} 11 \\ \hline \end{array}$$

$$2. \quad 9 \overline{) 90} \quad \begin{array}{r} 10 \\ \hline \end{array}$$

$$4. \quad 3 \overline{) 57} \quad \begin{array}{r} 19 \\ \hline \end{array}$$

Will there be any remainders...

6. If you divide 41 sweets by 4 people?

Yes. 1 left over

7. If you share 34 sweets between 3 people?

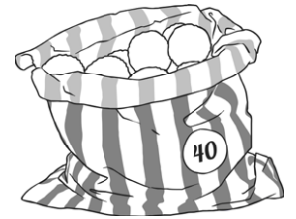
Yes. 1 left over

8. If you divide 53 sweets by 4 people?

Yes. 1 left over

9. If you share 50 sweets by 5 people?

No.



Use a ruler to help you set out the written method and complete the calculations.

Some of them might have remainders – watch out!

$$10. \quad 48 \div 4 = 12$$

$$11. \quad 38 \div 3 = 12 \text{ r } 2$$

12. There are 37 sweets. Karim shares the sweets between five friends. How many sweets does each person receive? Are there any sweets that can't be shared?

7 r 2

13. The Stanley family won 84 sweets in a raffle. Conor must share the sweets between his 8 children. How many sweets does each child receive? Are there any sweets that can't be shared?

10 r 4