



**Thorpedene Primary
School**

Year 4

Maths – w/c 11.01.2021

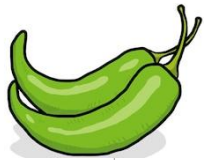
Monday

11.01.21

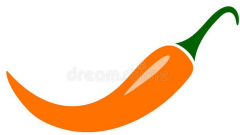


X by 1 digit numbers

LO: All of us: To create a toolbox of our 4s, 3s and 8s



Multiply 1 digit numbers by 1 digit numbers.



Multiply 2 digit numbers by 1 digit numbers.



Using multiplication facts to find the missing numbers.

Monday

04.01.21



X by 10

Silent starter:

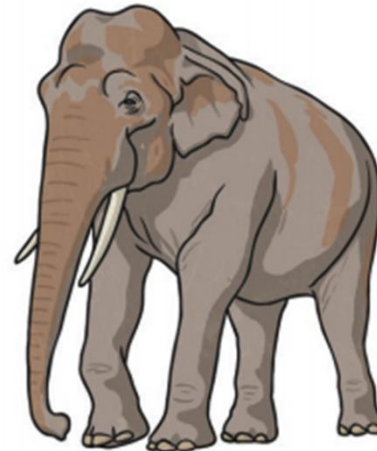
Which number is the odd one out?
Explain your reasons.

1330

1015

2941

3645



Monday

11.01.21

X by 1 digit numbers



What does 'X' stand for?

What are some of the different words we use for this symbol?

If we are using 'X' do the numbers get bigger or smaller?

Monday

11.01.21



X by 1 digit numbers

Multiplying by 1 digit numbers

How to lay out the calculations correctly:

$$6 \times 8 =$$

6

x 8

4 8

Monday

11.01.21



X by 1 digit numbers

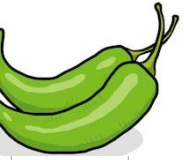
Multiplying 2 digits by 1
digit numbers

How to lay out the calculations correctly:

$$32 \times 5 =$$

$$\begin{array}{r} \\ \times 5 \\ \hline 160 \\ 1 \end{array}$$

The diagram shows the multiplication of 32 by 5. The digits 3 and 2 are circled in green, and the digits 2 and 5 are circled in orange. The result 160 is shown below a horizontal line, with a 1 written below the 0.



Monday

X by 1 digit numbers

11.01.21



$1 \times 8 =$

$5 \times 7 =$

$2 \times 6 =$

$9 \times 8 =$

$9 \times 3 =$

$2 \times 7 =$

$4 \times 9 =$

$6 \times 4 =$

$6 \times 1 =$

$3 \times 1 =$

Challenge

$25 \times 7 =$

$19 \times 8 =$

$62 \times 7 =$

$86 \times 4 =$

$50 \times 10 =$

Monday

11.01.21



X by 1 digit numbers



$$\begin{array}{r} 1. \quad 24 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 22 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 18 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 26 \\ \times 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 12 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 48 \\ \times 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 41 \\ \times 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 31 \\ \times 7 \\ \hline \\ \hline \end{array}$$

Challenge

$$\begin{array}{r} 1. \quad \quad 9 \quad \square \\ \times \quad \quad 8 \\ \hline 7 \quad 2 \quad 0 \end{array}$$

$$\begin{array}{r} 2. \quad \quad \square \quad 7 \\ \times \quad \quad 2 \\ \hline 7 \quad 4 \end{array}$$

$$\begin{array}{r} 3. \quad \quad \quad 7 \\ \times \quad \quad \square \\ \hline 4 \quad 2 \end{array}$$

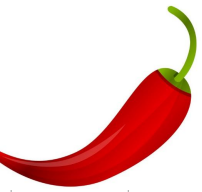
$$\begin{array}{r} 9. \quad 44 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 32 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 62 \\ \times 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 66 \\ \times 4 \\ \hline \\ \hline \end{array}$$

50 x 10 =



Monday

X by 1 digit numbers

11.01.21



1.

$$\begin{array}{r} 9 \square \\ \times \quad 8 \\ \hline 7 \quad 2 \quad 0 \end{array}$$

2.

$$\begin{array}{r} \square 7 \\ \times \quad 2 \\ \hline 7 \quad 4 \end{array}$$

3.

$$\begin{array}{r} 7 \quad 1 \\ \times \quad \square \\ \hline 4 \quad 2 \quad 6 \end{array}$$

4.

$$\begin{array}{r} \square 9 \\ \times \quad 7 \\ \hline 4 \quad 8 \quad 3 \end{array}$$

5.

$$\begin{array}{r} 4 \quad 1 \\ \times \quad \square \\ \hline 2 \quad 4 \quad 6 \end{array}$$

6.

$$\begin{array}{r} 8 \square \\ \times \quad 5 \\ \hline 4 \quad 0 \quad 5 \end{array}$$

7.

$$\begin{array}{r} \square 9 \\ \times \quad 6 \\ \hline 4 \quad 1 \quad 4 \end{array}$$

8.

$$\begin{array}{r} 7 \square \\ \times \quad 8 \\ \hline 5 \quad 6 \quad 0 \end{array}$$

9.

$$\begin{array}{r} \square 4 \\ \times \quad 8 \\ \hline 5 \quad 1 \quad 2 \end{array}$$

10.

$$\begin{array}{r} 5 \quad 1 \\ \times \quad \square \\ \hline 3 \quad 5 \quad 7 \end{array}$$

11.

$$\begin{array}{r} 2 \square \\ \times \quad 4 \\ \hline 8 \quad 8 \end{array}$$

12.

$$\begin{array}{r} 4 \quad 2 \\ \times \quad \square \\ \hline 1 \quad 6 \quad 8 \end{array}$$

Challenge

1. $24 \times 16 =$

2. $71 \times 11 =$

3. $53 \times 29 =$

4. $62 \times 17 =$

$50 \times 10 =$

Tuesday

12.01.21



X by 1 digit numbers

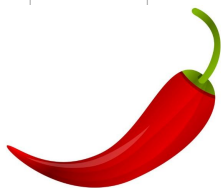
LO: All of us: To create a toolbox of our 4s, 3s and 8s



Multiply 2 digit numbers by 1 digit numbers.



Multiply 3 digit numbers by 1 digit numbers.



Using multiplication facts to find the missing numbers.

Tuesday

12.01.21



X by 1 digit numbers

Silent starter:

I'm thinking of a number.

I halve it.

I divide it by 7.

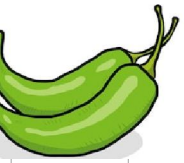
I subtract 4.

My answer is $16 \div 4$

What number was I thinking of?

Explain your answer.





Tuesday

12.01.21



X by 1 digit numbers

$$\begin{array}{r} 1. \quad 24 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 22 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 18 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 26 \\ \times 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 12 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 48 \\ \times 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 41 \\ \times 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 31 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 725 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 973 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 44 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 32 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 62 \\ \times 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 66 \\ \times 4 \\ \hline \\ \hline \end{array}$$

Challenge

$$50 \times 10 =$$

Tuesday

X by 1 digit numbers

12.01.21



$$\begin{array}{r} 725 \\ \times 3 \\ \hline \end{array}$$
$$\begin{array}{r} 973 \\ \times 2 \\ \hline \end{array}$$
$$\begin{array}{r} 344 \\ \times 4 \\ \hline \end{array}$$
$$\begin{array}{r} 226 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 575 \\ \times 2 \\ \hline \end{array}$$
$$\begin{array}{r} 897 \\ \times 4 \\ \hline \end{array}$$
$$\begin{array}{r} 919 \\ \times 3 \\ \hline \end{array}$$
$$\begin{array}{r} 843 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 427 \\ \times 4 \\ \hline \end{array}$$
$$\begin{array}{r} 784 \\ \times 5 \\ \hline \end{array}$$
$$\begin{array}{r} 148 \\ \times 3 \\ \hline \end{array}$$
$$\begin{array}{r} 991 \\ \times 4 \\ \hline \end{array}$$

Challenge

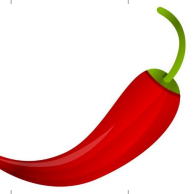
Calculate the missing number in these calculations.

$$\begin{array}{r} 1. \quad _06 \\ \times \quad 2 \\ \hline 412 \end{array}$$

$$\begin{array}{r} 11. \quad 10_ \\ \times \quad 2 \\ \hline 206 \end{array}$$

$$\begin{array}{r} 21. \quad _95 \\ \times \quad 4 \\ \hline 2380 \end{array}$$

$$50 \times 10 =$$



Tuesday

X by 1 digit numbers

12.01.21



Calculate the missing number in these calculations.

$$\begin{array}{r} 1. \quad _06 \\ \times \quad 2 \\ \hline 412 \end{array}$$

$$\begin{array}{r} 11. \quad 10_ \\ \times \quad 2 \\ \hline 206 \end{array}$$

$$\begin{array}{r} 21. \quad _95 \\ \times \quad 4 \\ \hline 2380 \end{array}$$

$$\begin{array}{r} 31. \quad 32_ \\ \times \quad 3 \\ \hline 984 \end{array}$$

$$\begin{array}{r} 2. \quad 2_0 \\ \times \quad 4 \\ \hline 1040 \end{array}$$

$$\begin{array}{r} 12. \quad 2_4 \\ \times \quad 3 \\ \hline 672 \end{array}$$

$$\begin{array}{r} 22. \quad 2_0 \\ \times \quad 2 \\ \hline 540 \end{array}$$

$$\begin{array}{r} 32. \quad 4_8 \\ \times \quad 2 \\ \hline 836 \end{array}$$

$$\begin{array}{r} 3. \quad _95 \\ \times \quad 4 \\ \hline 1180 \end{array}$$

$$\begin{array}{r} 13. \quad 44_ \\ \times \quad 4 \\ \hline 1760 \end{array}$$

$$\begin{array}{r} 23. \quad _83 \\ \times \quad 2 \\ \hline 1166 \end{array}$$

$$\begin{array}{r} 33. \quad 56_ \\ \times \quad 3 \\ \hline 1707 \end{array}$$

$$\begin{array}{r} 4. \quad 20_ \\ \times \quad 4 \\ \hline 836 \end{array}$$

$$\begin{array}{r} 14. \quad 2_4 \\ \times \quad 4 \\ \hline 936 \end{array}$$

$$\begin{array}{r} 24. \quad 19_ \\ \times \quad 3 \\ \hline 585 \end{array}$$

$$\begin{array}{r} 34. \quad 3_9 \\ \times \quad 2 \\ \hline 778 \end{array}$$

$$\begin{array}{r} 5. \quad 35_ \\ \times \quad 4 \\ \hline 1428 \end{array}$$

$$\begin{array}{r} 15. \quad _14 \\ \times \quad 4 \\ \hline 2056 \end{array}$$

$$\begin{array}{r} 25. \quad 58_ \\ \times \quad 3 \\ \hline 1752 \end{array}$$

$$\begin{array}{r} 35. \quad _17 \\ \times \quad 3 \\ \hline 951 \end{array}$$

$$\begin{array}{r} 6. \quad 4_2 \\ \times \quad 4 \\ \hline 1928 \end{array}$$

$$\begin{array}{r} 16. \quad 2_6 \\ \times \quad 3 \\ \hline 678 \end{array}$$

$$\begin{array}{r} 26. \quad 5_9 \\ \times \quad 4 \\ \hline 2356 \end{array}$$

$$\begin{array}{r} 36. \quad 5_6 \\ \times \quad 3 \\ \hline 1518 \end{array}$$

50 x 10 =

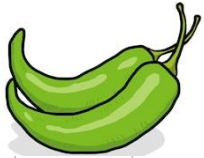
Wednesday

13.01.21



÷ by 1 digit numbers

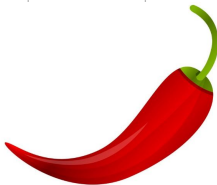
LO: All of us: To create a toolbox of our 4s, 3s and 8s



Divide 1 digit numbers by 1 digit numbers.



Divide 2 digit numbers by 1 digit numbers.



Divide 2 digit numbers by 1 digit numbers.

Wednesday

13.01.21



÷ by 1 digit numbers

Silent starter:

3. If I start counting in tens from 20, the nineteenth number will be 200.

Is this correct?
Explain how you know.
What will the 100th number be?



Wednesday

13.01.21



÷ by 1 digit numbers

What does '÷' stand for?

What are some of the different words we use for this symbol?

If we are using '÷' do the numbers get bigger or smaller?

Wednesday

13.01.21



÷ by 1 digit numbers

To divide numbers we can use different methods. Sharing out and bus stop.

On the next slides you will see the different ways of doing this!



Wednesday

13.01.21

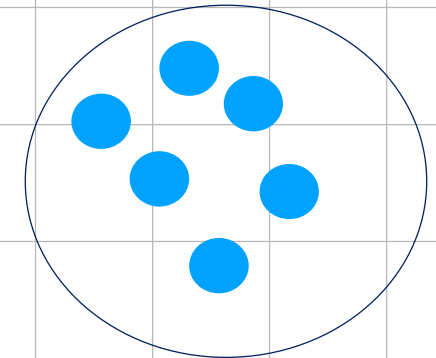
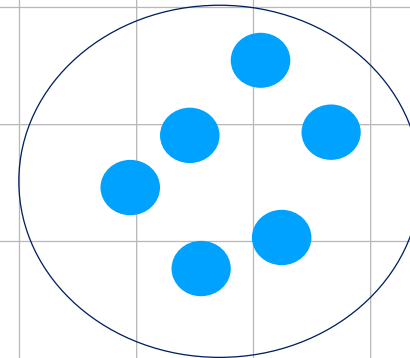
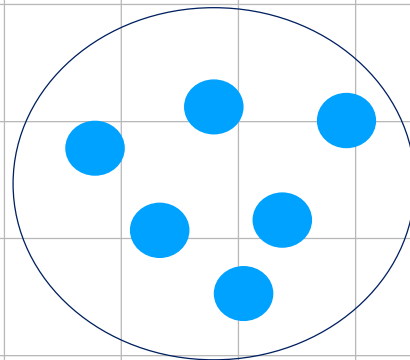
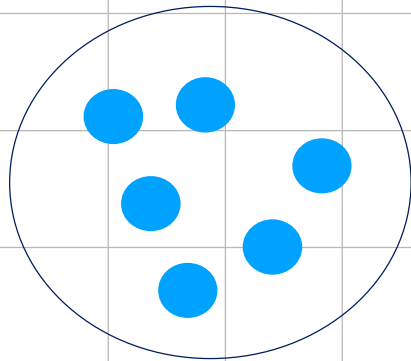
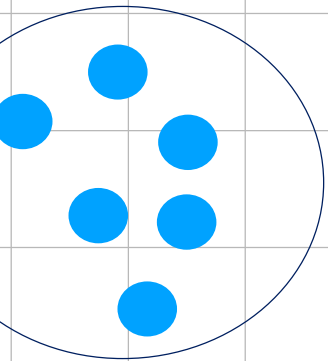


÷ by 1 digit numbers

Dividing by 1 number

How to lay out the calculations correctly sharing out:

$$30 \div 5 = 6$$



Wednesday

13.01.21

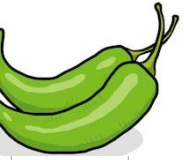


÷ by 1 digit numbers

Dividing by 1 number

How to lay out the calculations correctly bus stop method:
Bus stop method is usually used when the numbers are getting bigger!

$$\begin{array}{r} 32 \\ 3 \overline{) 96} \end{array}$$



Wednesday

÷ by 1 digit numbers

13.01.21



1. $8 \div 2 =$

6. $4 \div 2 =$

2. $6 \div 1 =$

7. $5 \div 1 =$

3. $6 \div 2 =$

8. $8 \div 4 =$

4. $9 \div 3 =$

9. $4 \div 4 =$

5. $7 \div 1 =$

10. $10 \div 2 =$

Challenge

1. $44 \div 2 =$

2. $13 \div 1 =$

3. $26 \div 2 =$

4. $36 \div 3 =$

5. $19 \div 1 =$

Wednesday

÷ by 1 digit numbers

13.01.21



1. $46 \div 2 =$

6. $84 \div 2 =$

11. $55 \div 5 =$

Challenge

2. $11 \div 1 =$

7. $25 \div 1 =$

12. $88 \div 4 =$

1. $16 \div 2 =$

3. $24 \div 2 =$

8. $48 \div 4 =$

13. $33 \div 3 =$

2. $70 \div 5 =$

4. $39 \div 3 =$

9. $44 \div 4 =$

14. $77 \div 7 =$

3. $49 \div 7 =$

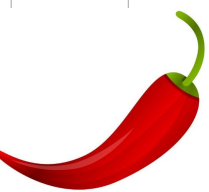
5. $17 \div 1 =$

10. $10 \div 2 =$

15. $63 \div 3 =$

4. $60 \div 3 =$

5. $52 \div 4 =$



Wednesday

÷ by 1 digit numbers

13.01.21



1. $18 \div 2 =$

6. $51 \div 3 =$

11. $81 \div 9 =$

Challenge

2. $75 \div 5 =$

7. $85 \div 5 =$

12. $45 \div 5 =$

1. $16 \div 3 =$

3. $42 \div 7 =$

8. $72 \div 4 =$

13. $16 \div 4 =$

2. $70 \div 4 =$

4. $57 \div 3 =$

9. $96 \div 8 =$

14. $82 \div 2 =$

3. $49 \div 8 =$

5. $68 \div 4 =$

10. $24 \div 6 =$

15. $36 \div 2 =$

4. $60 \div 4 =$

5. $52 \div 7 =$

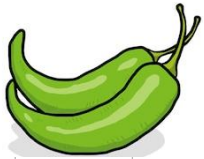
Thursday

14.01.21

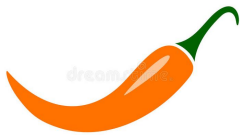


÷ by 1 digit numbers

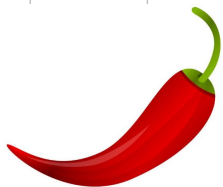
LO: All of us: To create a toolbox of our 4s, 3s and 8s



Divide 2 digit numbers by 1 digit numbers.



Divide 2 digit numbers by 1 digit numbers.



Divide 2 digit numbers by 1 digit numbers that include remainders.

Thursday

14.01.21

÷ by 1 digit numbers



Silent starter:

4. 5510 is 5 thousands 5 hundreds and 1 ten. It is also:
551 tens
55 hundreds and 1 ten
5 thousands and 510 ones

How many different ways can you show the numbers on the rocks?





Thursday

÷ by 1 digit numbers

14.01.21



1. $46 \div 2 =$

6. $84 \div 2 =$

11. $55 \div 5 =$

Challenge

2. $11 \div 1 =$

7. $25 \div 1 =$

12. $88 \div 4 =$

1. $16 \div 2 =$

3. $24 \div 2 =$

8. $48 \div 4 =$

13. $33 \div 3 =$

2. $70 \div 5 =$

4. $39 \div 3 =$

9. $44 \div 4 =$

14. $77 \div 7 =$

3. $49 \div 7 =$

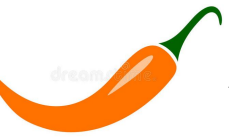
5. $17 \div 1 =$

10. $10 \div 2 =$

15. $63 \div 3 =$

4. $60 \div 3 =$

5. $52 \div 4 =$



Thursday

÷ by 1 digit numbers

14.01.21



1. $18 \div 2 =$

6. $51 \div 3 =$

11. $81 \div 9 =$

Challenge

2. $75 \div 5 =$

7. $85 \div 5 =$

12. $45 \div 5 =$

1. $16 \div 3 =$

3. $42 \div 7 =$

8. $72 \div 4 =$

13. $16 \div 4 =$

2. $70 \div 4 =$

4. $57 \div 3 =$

9. $96 \div 8 =$

14. $82 \div 2 =$

3. $49 \div 8 =$

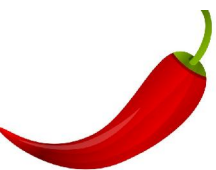
5. $68 \div 4 =$

10. $24 \div 6 =$

15. $36 \div 2 =$

4. $60 \div 4 =$

5. $52 \div 7 =$



Thursday

÷ by 1 digit numbers

14.01.21



1. $15 \div 2 =$

6. $52 \div 3 =$

11. $85 \div 9 =$

Challenge

2. $74 \div 5 =$

7. $95 \div 5 =$

12. $39 \div 5 =$

1. $363 \div 3 =$

3. $41 \div 7 =$

8. $38 \div 4 =$

13. $72 \div 4 =$

2. $804 \div 4 =$

4. $83 \div 3 =$

9. $24 \div 8 =$

14. $43 \div 2 =$

3. $426 \div 2 =$

5. $64 \div 4 =$

10. $74 \div 6 =$

15. $26 \div 2 =$

4. $480 \div 4 =$

5. $777 \div 7 =$

Thursday

14.01.21



÷ by 1 digit numbers

Write a weekly reflection on how you feel your Maths work went this week.

What do you need more help on?

What are you confident in?