

Year 5 Maths Home Learning Summer 2 Week 2

W/C: 8.06.2020

Log in to purple mash where you will have some activities set for the week.

Log in to Rockstars and test yourself on the 9 times tables. Below is also a paper version.

Use the inverse to answer these:

$45 \div 9 = \underline{\quad\quad}$

$9 \div 9 = \underline{\quad\quad}$

$54 \div 9 = \underline{\quad\quad}$

$72 \div 9 = \underline{\quad\quad}$

$81 \div 9 = \underline{\quad\quad}$

$27 \div 9 = \underline{\quad\quad}$

$63 \div 9 = \underline{\quad\quad}$

$18 \div 9 = \underline{\quad\quad}$

$108 \div 9 = \underline{\quad\quad}$

$90 \div 9 = \underline{\quad\quad}$

$99 \div 9 = \underline{\quad\quad}$

$36 \div 9 = \underline{\quad\quad}$

$45 \div 9 = \underline{\quad\quad}$

$27 \div 9 = \underline{\quad\quad}$

$81 \div 9 = \underline{\quad\quad}$

$18 \div 9 = \underline{\quad\quad}$

$108 \div 9 = \underline{\quad\quad}$

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$9 \div 9 = \underline{\quad\quad}$

$36 \div 9 = \underline{\quad\quad}$

$63 \div 9 = \underline{\quad\quad}$

Monday 8th June 2020

Multiplying by powers of 10.

Use the video and P.V grid on your class stream to help you solve the following.

Red:

1). $5 \times 10 =$

2). $50 \times 10 =$

3). $25 \times 100 =$

4). $125 \times 100 =$

5). $10 \times 1,000 =$

Year 5 Maths Home Learning Summer 2 Week 2

Orange:

- 1). $47 \times 100 =$ 2). $368 \times 1,000 =$ 3). $105.7 \times 100 =$
4). $549.2 \times 1,000 =$ 5). $73.73 \times 10,000 =$

Green:

- 1). $475 \times 100 =$ 2). $368 \times 1,000 =$ 3). $105.7 \times 1,000 =$
4). $5049.275 \times 100 =$ 5). $0.0392 \times 100,000 =$

Reasoning:

Use $<$, $>$ or $=$ to compare the following. Explain your thinking.

- | | | |
|-------------------|-----------------------|------------------------------------|
| $71 \times 1,000$ | <input type="radio"/> | 71×100 |
| 100×32 | <input type="radio"/> | $16 \times 1,000$ |
| 48×100 | <input type="radio"/> | $48 \times 10 \times 10 \times 10$ |

Tuesday 9th June 2020

Column multiplication

Watch the video on your class stream to help you solve the following.

Red:

- 1). $23 \times 4 =$ 2). $31 \times 3 =$ 3). $25 \times 4 =$
4). $125 \times 11 =$ 5). $312 \times 31 =$

Orange:

- 1). $1,213 \times 2 =$ 2). $1,315 \times 3 =$ 3). $4,538 \times 5 =$

Year 5 Maths Home Learning Summer 2 Week 2

4). $2,049 \times 26 =$

5). $8,497 \times 78 =$

Green:

1). $1,475 \times 16 =$

2). $4,368 \times 59 =$

3). $9,738 \times 67 =$

4). $6,847 \times 99 =$

5). $3,582 \times 152 =$

Reasoning:

250		What mistake has been made?
x 6		What is the correct answer?
<hr/>		
0	(6 x 0)	
30	(6 x 5)	
1200	(6 x 200)	
<hr/>		
1230		
<hr/>		

Wednesday 10th June 2020

Task 3: Multiplying decimal numbers

Watch the video on your class stream to help you solve the following.

Red:

1). $0.3 \times 2.0 =$

2). $0.4 \times 2.0 =$

3). $0.5 \times 2.0 =$

4). $0.5 \times 3.0 =$

5). $1.5 \times 2.0 =$

Orange:

Year 5 Maths Home Learning Summer 2 Week 2

1). $1.5 \times 3 =$ 2). $2.5 \times 4 =$ 3). $0.7 \times 3 =$

4). $1.53 \times 6 =$ 5). $8.7 \times 10 =$

Green:

1). $4.6 \times 6 =$ 2). $7.4 \times 8 =$ 3). $9.73 \times 9 =$

4). $8.67 \times 10 =$ 5). $8.582 \times 100 =$

Reasoning:

Use a P.V grid to complete the table below. Explain how the zero (place holder) is helpful to us.

	$\times 10$	$\times 100$	$\times 1,000$
3.14			
13			
0.233			

Thursday 11th June 2020

Squared and cubed numbers

Watch the video on your class stream to help you solve the following.

Red:

1). $2^2 =$ 2). $4^2 =$ 3). $5^2 =$

4). $10^2 =$ 5). $2^3 =$

Orange:

1). $6^2 =$ 2). $5^3 =$ 3). $2^2 + 3^2 =$

4). $8^2 + 5^2 =$ 5). $9^2 + 3^3 =$

Year 5 Maths Home Learning Summer 2 Week 2

Green:

1). $4^2 + 5^2 =$

2). $9^2 + 2^3 =$

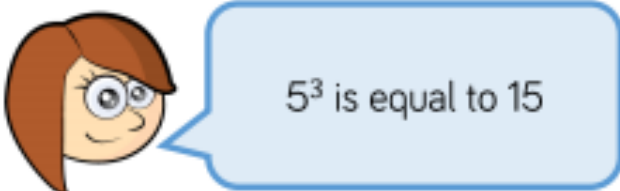
3). $10^2 - 9^2 =$

4). $10^3 + 8^2 =$

5). $10^3 - 5^3 =$

Reasoning:

Rosie says,



5^3 is equal to 15

Do you agree?
Explain your answer.

Friday 12th June 2020

Area

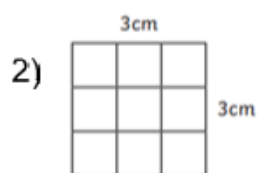
Watch the video on your class stream to help you solve the following.

Year 5 Maths Home Learning Summer 2 Week 2

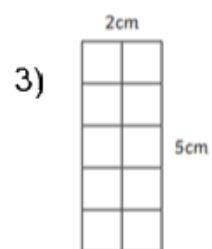
Red:



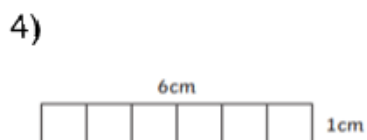
Area = _____



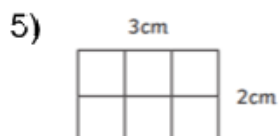
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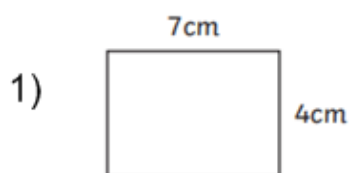


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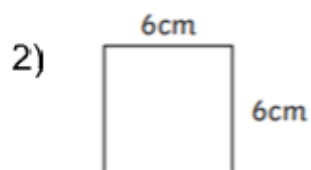


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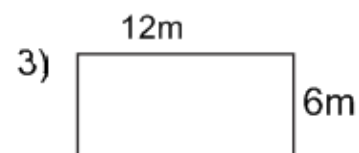
Orange:



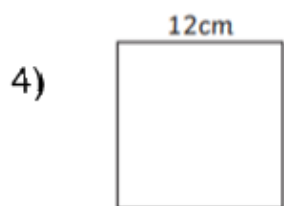
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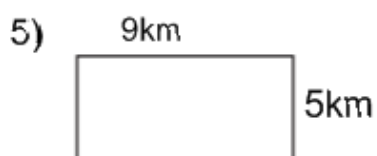
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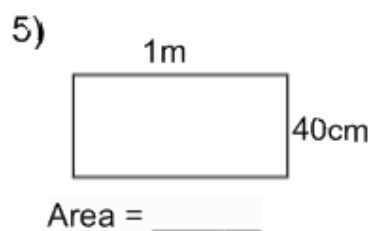
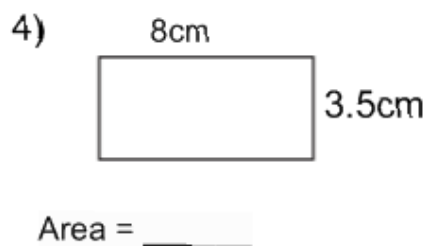
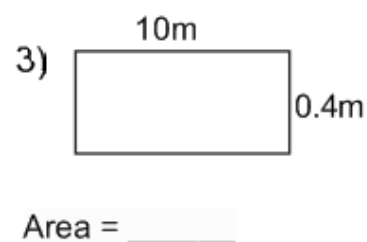
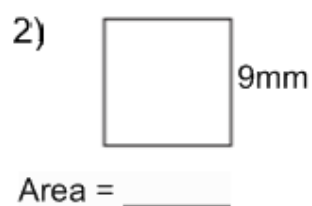
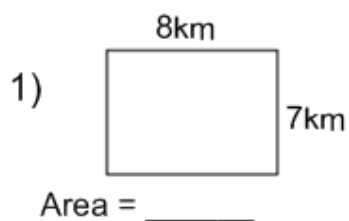
Area = _____



Area = _____

Green:

Year 5 Maths Home Learning Summer 2 Week 2



Reasoning:

What is the area of this shape if:

- each square is 2 cm in length?
- each square is 3.5 cm in length?

