Multiplication and division Consolidation and review Worksheet

Today we are finishing our unit of Multiplication and Division!

This worksheet covers all of the learning you've done so far in the unit.

This includes

- Multiples and factors
    Multiples - Numbers that a specific number can be multiplied into
    e.g. The multiples of 2 are 4, 6, 8, 10, 12, etc.
    Factors - Numbers that can be multiplied into a specific number.
    e.g. The factors of 12 are, 1, 12, 2 , 6, 3, 4.

- Multiplying and dividing by 10, 100 and 1000

- Mental strategies for multiplying and dividing

- formal methods

Multiples and factors
Can you identify the multiples and factors?

Circles the multiples of 13

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Circles the factors of 60

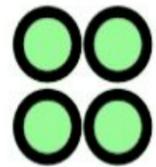| 1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

What would be the 6th product in this sequence of squared numbers?
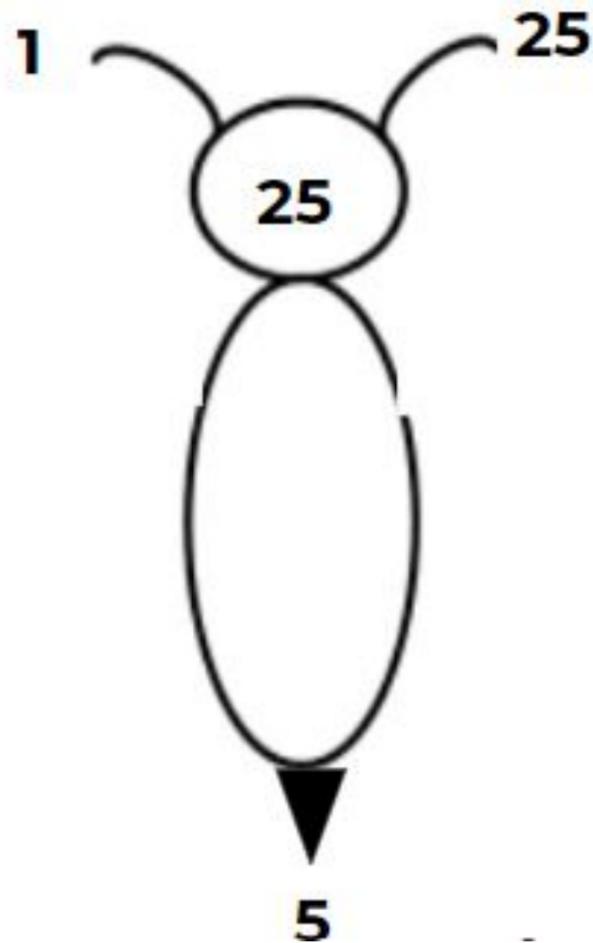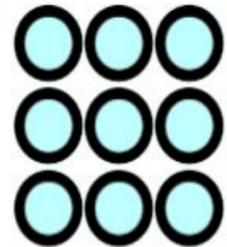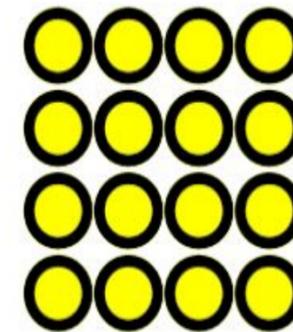
$2 \times 2 = 4$
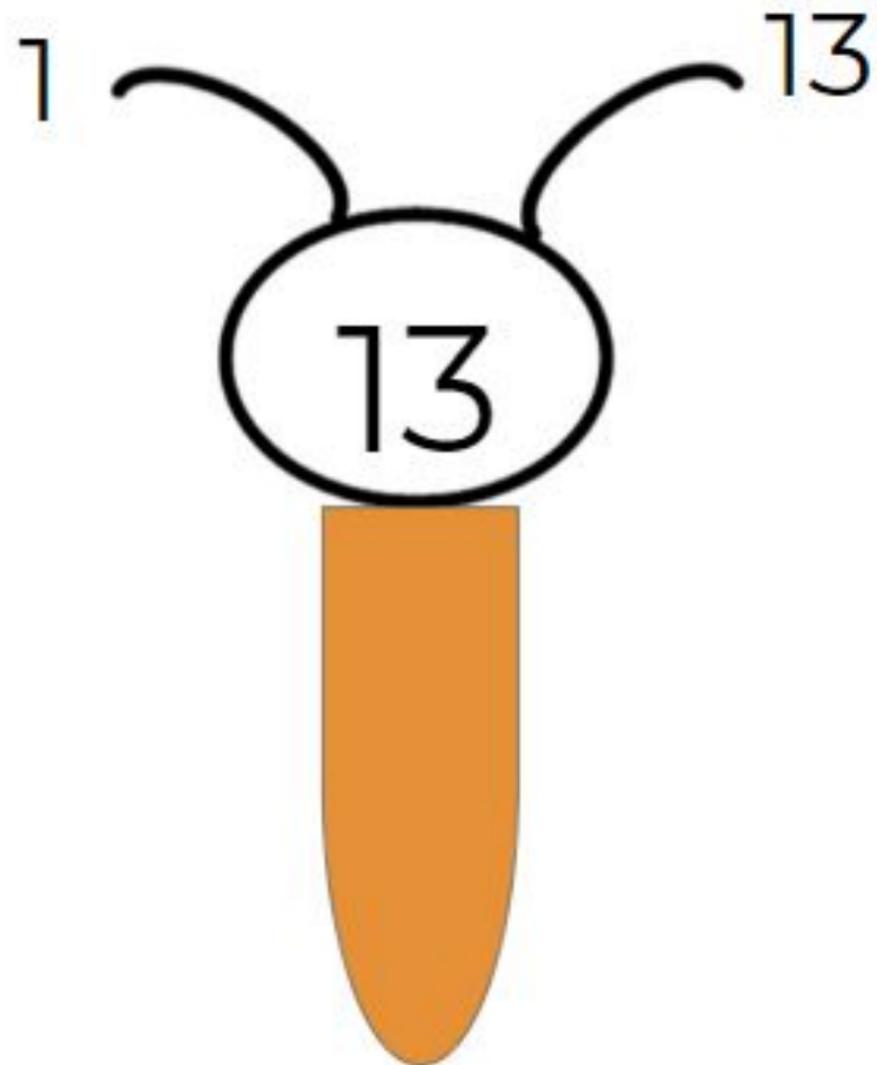
2^2

$3 \times 3 = 9$

3^2

$4 \times 4 = 16$

4^2

Multiples and factors

What number has been incorrectly circled as a prime number?

Multiply and divide by 10, 100, 1000

Which of the following statements are false?

$60 ÷ 10 = 6$

$7200 ÷ 100 = 72$

$72 x 100 = 720$

$21 x 1000 = 2100$

$6320 ÷ 100 = 63.2$

$4855 ÷ 10 = 485.5$

$412 x 1000 = 412,000$

$192 x 100 = 192,000$

Complete these calculations

7 x 8 = ?

13 x 8 = ?

16 x 8 = ?

22 x 8 = ?

Mental Strategies for multiplying and dividing
Complete these calculations

÷8 ÷4 ÷4 ÷2 ÷2 ÷2
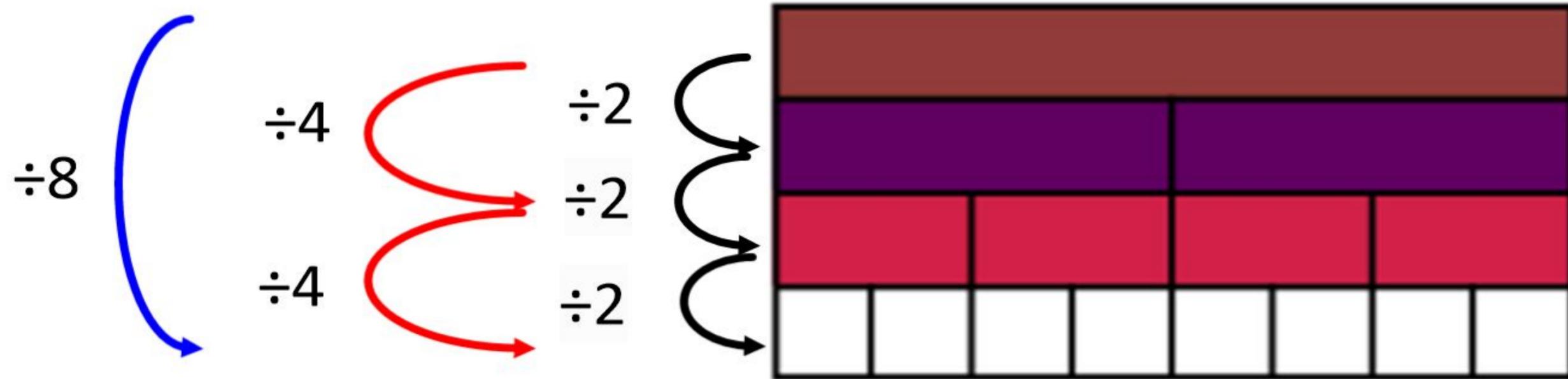
64 ÷ 8 = ?   152 ÷ 8 = ?

192 ÷ 8 = ?   480 ÷ 8 = ?

Mental Strategies for multiplying
Distributive Law
Which statements are inaccurate?

32 x 17

1) 30 x 10 + 2 x 17 + 2 x 7

2) 32 x 10 + 30 x 7 + 2 x 7

3) 30 x 10 + 2 x 10 + 30 x 7 + 2 x 7

4) 30 x 10 + 2 x 10 + 2 x 7 + 2 X 17

Formal methods

1) 624 x 40

2) 1211 x 70

3) 2742 x 3

4) 931 x 7

5) 27 x 16

6) 32 x 21

7) 1,960 ÷ 8

8) 1,684 ÷ 4

Kensuke's Kingdom

By Michael Morpurgo

Read chapter 5 - pages 73 – 78

Retrieval

Write a short summary of what has happened so far in chapter 5.

1) What was in Michael's pocket that lifted his spirits (pg 75)?

_____

2) What is the old man's name?

_____

3) What was waiting for Michael and Stella on the rocks above the cave (pg 76)?

_____

4) What was the prickly shelled fruit called that Michael loved to eat (pg 77)?

_____

5) What were the coconuts that Michael found on the ground like (pg77)?

_____

6) What was keeping Michael on his side of the island and out of the forests (pg78)?

_____

Order the events from beginning to now

Michael meets Kensuke.	
Dad buys a boat.	
Michael falls off the boat.	
Michael's parents lose their jobs.	1
They sail to Australia.	
Michael wakes up on an island.	
They sail to Brazil.	

Writing a Diary Entry

Draft

Today we are planning our diary entries. Use your planning sheet from Wednesday the 20ᵗʰ to help you.

Date	
	Dear Diary,
Introduction - What did you do? - Who are you with? - How did you get there?	
Body - What is your main event of the day? - Includes how you felt during the event.	
Ending - How did the day/event end? - How do you feel about the day as a whole?	
Sign off - I will write again tomorrow. - I look forward to speaking again. - Talk later.	
Your Name	

Knowledge quiz

1. What is an example of a human feature?

| settlements | rivers | climate | mountains |

2. How much of the Earth's total land area does Asia cover?

| 25% | 30% | 35% | 40% |

3. How many regions can Asia be split into?

| 5 | 2 | 6 | 4 |

4. Which country has the largest population?

| Saudi Arabia | Maldives | China | India |

5. Which two hemispheres is Asia located?

| southern | western | eastern | northern |

What is a border?

A border is something that separates geographic areas. Sometimes, borders are created by natural boundaries like rivers or mountain ranges. Other borders can be manmade such as fences, walls or even a line painted on the ground.

Most borders are political because they are the dividing lines between countries, states, provinces, counties, and cities.

Border types can be grouped into soft and hard borders. A soft border is a border between countries where people and goods are allowed to pass through with few or no checks. A hard border is a border between countries that is strictly controlled by officials, police, or the military. When you cross an international border, you may have to show your passport or a visa to be allowed entry into another country.

What is an example or a natural boarder?

_____

What is an example of a manmade border?

_____

What is a soft border?

_____

_____

What is a hard border?

_____

_____

Significant Borders

India and Pakistan	Until 1947, Pakistan and India were all one region. Britain once ruled India and Pakistan and ended up turning Pakistani and Indian groups against each other, so they would unite with Britain (this was called the policy of 'Divide and Rule'). This has led to an ongoing conflict between India and Pakistan, based on religion and unequal division of land.
Palestine and Israel	In 1948, Israel was created as a homeland for Jewish people after the Second World War. Hundreds of thousands of Palestinian people were living in the area where Israel was created, which meant they were forced to move away from their homes. This caused conflict between the people of Palestine and the people of Israel that still continues today, about the ownership of land.
North and South Korea	The Korean War began in June 1950s. This war was between the Democratic People's Republic of Korea (North Korea) and the Republic of Korea (South Korea). After 3 years of fighting, North and South Korea negotiated an agreement. Although there is no conflict between North and South Korea at the moment, the Countries are still hostile towards each other.
China and India	The Himalayan Mountains run the length of the border between China and India, which makes it difficult for either country to attack the other. There is currently no conflict between China and India, however, China fears that if it were to grant independence to Tibet (a place between China and the Himalayan mountains, that china controls) India would then try to take control of Tibet and China would lose the major rivers that supply their water.

1) When did Pakistan and India split into 2 separate regions?

_____

2) When was Israel created?

_____

3) Who was the Korean War between?

_____

_____

4) Which mountains run between China and India?

_____

5) Why does China want to continue to control Tibet?

_____

_____