Maths Tuesday

Year 3 Simmering

_____ × [4] = [12]   _____ × [4] = [24]

_____ × [4] = [36]   _____ × [4] = [28]

_____ × [4] = [16]   _____ × [4] = [48]

Match the bubble to its cauldron

(3×4) (5×4) (4×6) (9×4)

(4×5) (6×4)

(4×9)

(4×3)

[12] [20] [24] [32]

Year 4 Simmering

1.

Outer: 56, (blank), 84, (blank), (blank), 77
Inner: 5, 3, 10, 4, 7
Centre: 7

2.

Outer: 28, 70, 49, 14
Inner: 9, 11, 5, 3
Centre: 7

3.

Outer: 84, 42, 28
Inner: 1, 2, 9, 5, 3
Centre: 7

4.

Outer: 42, 84, 70, 21
Inner: 2, 1, 5, 4
Centre: 7

5.

Outer: 77, 63, 56, 70
Inner: 1, 4, 5, 7
Centre: 7

6.

Outer: 14, 21, 84, 56, 70
Inner: 5, 7, 9
Centre: 7
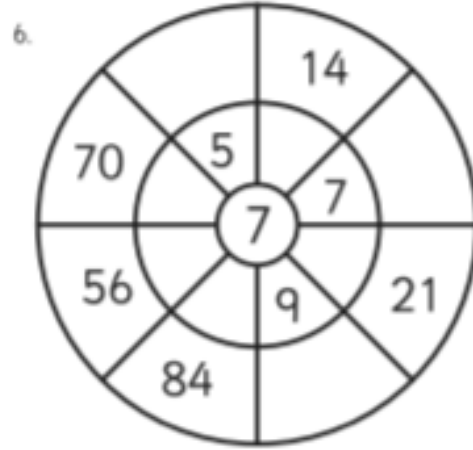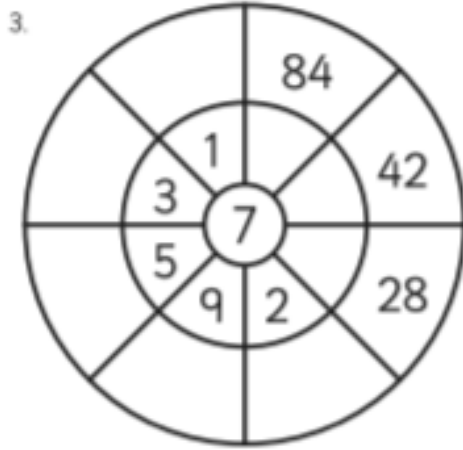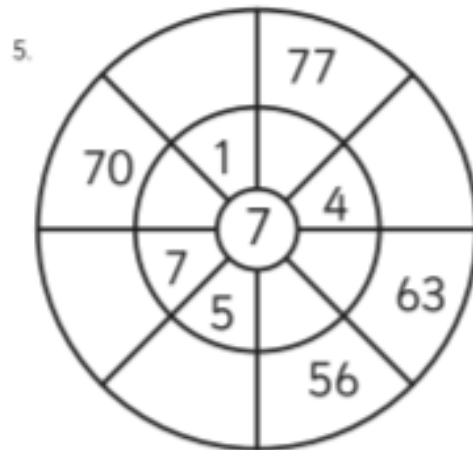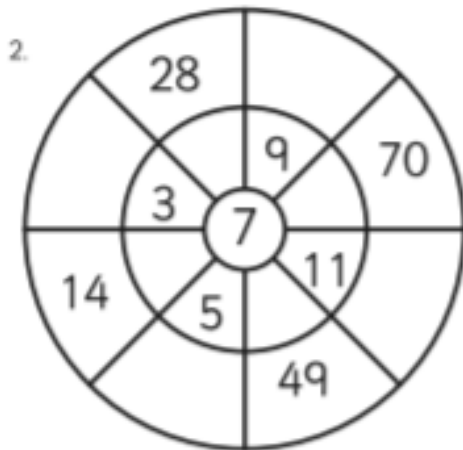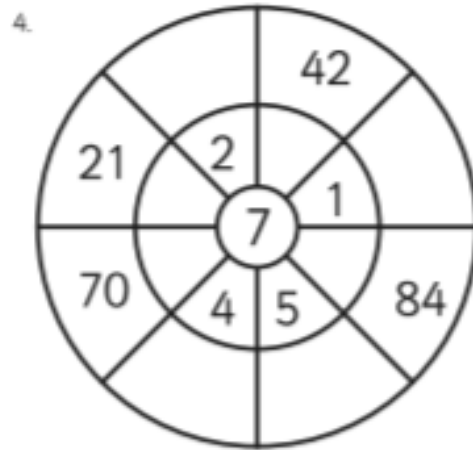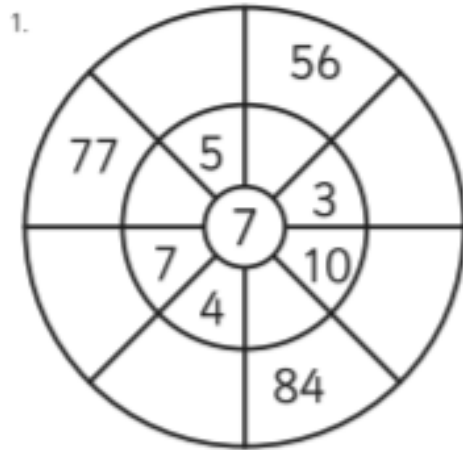
RODEO ROUNDUP

Round these 3-digit numbers to the nearest 10.

Use the number line to help you.

| 732 | 730 |
| | 740 |

730 ——————————————— 740

| 449 | 440 |
| | 450 |

440 ——————————————— 450
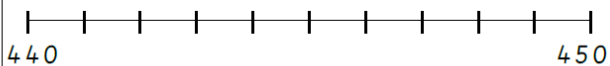
| 978 | 970 |
| | 980 |

970 ——————————————— 980

| 327 | 320 |
| | 330 |

320 ——————————————— 330

Lasso around each 3-digit number and join it to the nearest 10.

321 → 320
      330
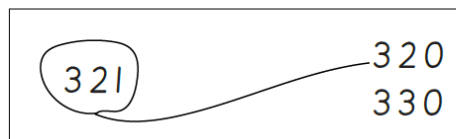
Year 4 Maths

Tens	Ones	●	Tenths	Hundredths

Add these numbers into the place value chart.

52   3.4   7.0   46   2.8

1. What does the digit 4 represent in the number 3.4?

2. What would the digit 4 represent if you did the calculation 3.4 x 10?

3. The digit 2 in 52 represents 2 tenths. True or false?

4. What does the digit 0 represent in 7.0?

5. The digit 8 in 2.8 represents 8 hundredths. True or false?

6. What would the digit 8 represent if you did the calculation 2.8 x 10?

7. What does the digit 6 represent in 46?

Challenge

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

1330	1015
2941	3645
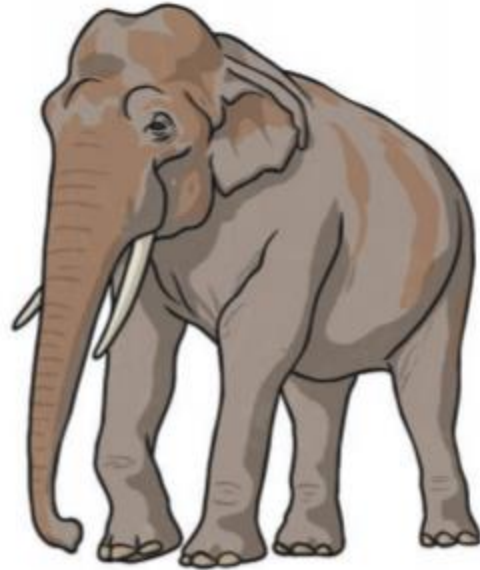
2. I'm thinking of a number.
   I halve it.
   I divide it by 7.
   I subtract 4.
   My answer is 16 ÷ 4
   What number was I thinking of?
   Explain your answer.

Answers

Year 3 Simmering

1) 3x4=12 2) 6x4=24 3) 9x4=36 4) 7x4=28 5) 4x4=16 6) 4x4=16 7) 12x4=48

3x4=12 5x4=20 4x6=24 8x4=32

Year 4 Simmering

Year 3 work

(732)	730 ⟵
	740
(449)	440
	450 ⟵
(978)	970
	980 ⟵
(327)	320
	330 ⟵

730 |—+—732—+—+—+—+—+—+—+—| 740

440 |—+—+—+—+—+—+—+—449—| 450

970 |—+—+—+—+—+—+—978—+—| 980

320 |—+—+—+—+—327—+—+—+—| 330
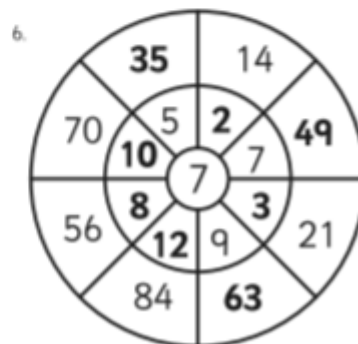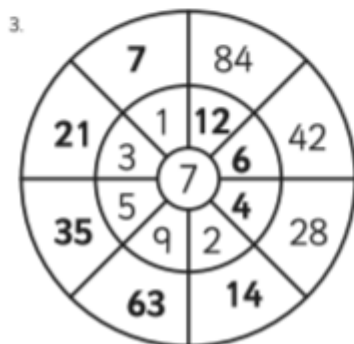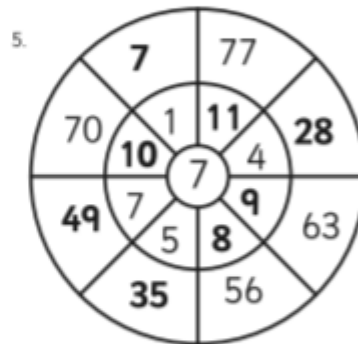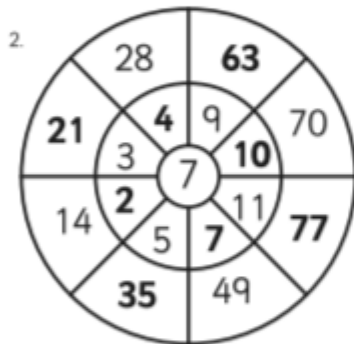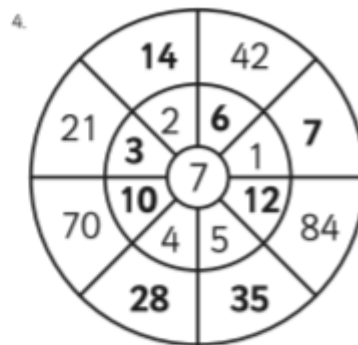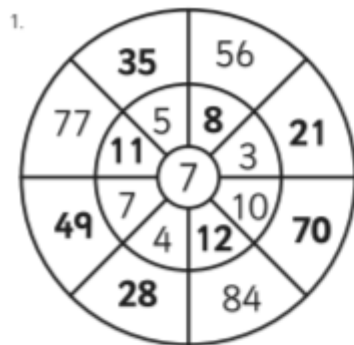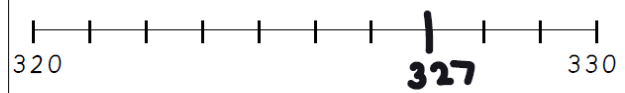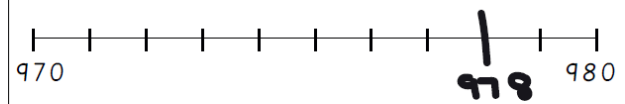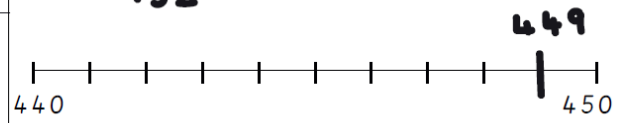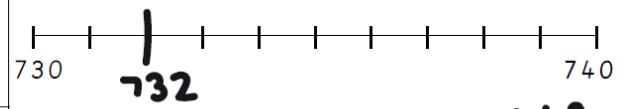
Year 4 Maths

Tens	Ones	●	Tenths	Hundredths
5	2			
	3	.	4	
	7	.	0	
4	6			
	2	.	8	

Add these numbers into the place value chart.

52   3.4   7.0   46   2.8

What does the digit 4 represent in the number 3.4?

4 tenths

What would the digit 4 represent if you did the calculation 3.4 x 10?

4 ones

The digit 2 in 52 represents 2 tenths. True or false?

false

What does the digit 0 represent in 7.0?

0 (zero) tenths

The digit 8 in 2.8 represents 8 hundredths. True or false?

false

What would the digit 8 represent if you did the calculation 2.8 x 10?

8 ones

What does the digit 6 represent in 46?

6 ones

Challenge answers:

1. 1015 – Only number with zero for the hundreds.
    1330 – Only even number, only number divisible by 10
    2941 – Only number not divisible by 5, only number with even thousand digit.

2. The answer is 112.