

Maths Mastery Addition and Subtraction Challenge Cards



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Maths Mastery Addition and Subtraction Challenge Cards - True or False?

1. If you add two even numbers together it will always make an even number. True or false? Show me how you know!

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Maths Mastery Addition and Subtraction Challenge Cards - True or False?

2. If you add three odd numbers together it will always make an odd number. True or false? Show me how you know!

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Maths Mastery Addition and Subtraction Challenge Cards - Make 100!

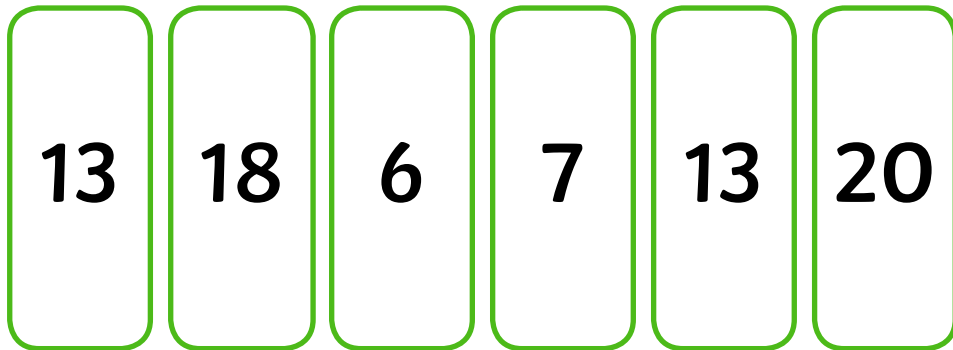
3. Can you fill in the missing numbers so that each row and column make a total of 100?

	50	20
10		40

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Maths Mastery Addition and Subtraction Challenge Cards - Number Sentences

4. Use the cards to make as many addition and subtraction number sentences as you can. How many can you make?



Maths Mastery Addition and Subtraction Challenge Cards - Number Sentences

5. Can you put numbers into these sentences to make them correct? How many different ways could you write the number sentence?

$$\square + \square = 50$$
$$85 = \square - \square$$

Maths Mastery Addition and Subtraction Challenge Cards - Making Numbers

The number 36 can be split in many different ways:

36	
30	6

36	
18	18

36	
20	16

6. How many different ways can you make the number 36?

Maths Mastery Addition and Subtraction Challenge Cards - Making Numbers

7. Try it with the number 24! How many different ways can you make 24?

Can you find more ways than your partner?

Maths Mastery Addition and Subtraction Challenge Cards - Consecutive Numbers

$$2 + 3 + 4 = 9$$

$$3 + 4 + 5 = 12$$

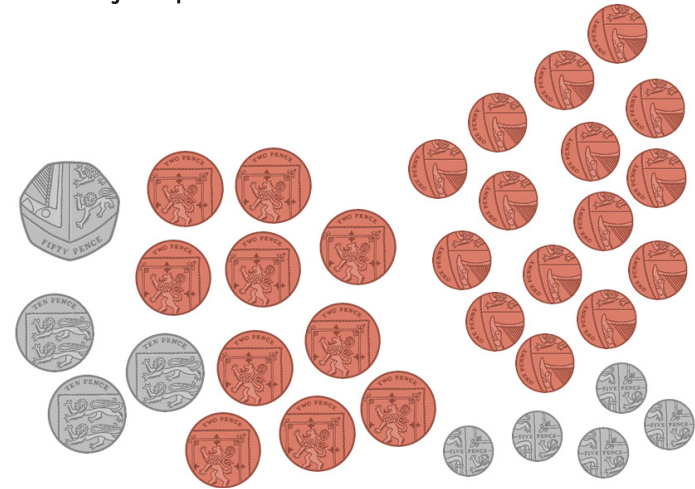
$$4 + 5 + 6 = ?$$

8. If you continued this sequence, which number would come next? What do you notice?

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Maths Mastery Addition and Subtraction Challenge Cards

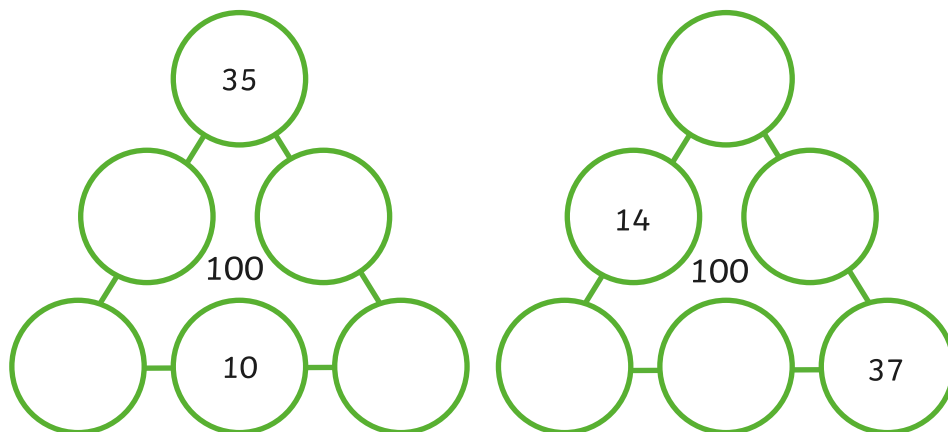
9. Using the coins, how many different ways can you find to make a total of 25p?



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Maths Mastery Addition and Subtraction Challenge Cards

Can you complete these triangles so that each side totals 100?



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Maths Mastery Addition and Subtraction Challenge Cards Answers



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Maths Mastery Addition and Subtraction Challenge Cards

1. If you add two even numbers together it will always make an even number. True or false? Show me how you know!

TRUE! If you add two even numbers together it always makes an even number. Examples include:

$$2 + 2 = 4$$

$$4 + 4 = 8$$

$$6 + 6 = 12$$

$$8 + 8 = 16$$

$$10 + 10 = 20$$

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Maths Mastery Addition and Subtraction Challenge Cards

2. If you add three odd numbers together it will always make an odd number. True or false? Show me how you know!

TRUE! If you add three odd numbers together, it will always make an odd. Examples include:

$$1 + 1 + 1 = 3$$

$$1 + 3 + 5 = 9$$

$$3 + 3 + 3 = 9$$

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Maths Mastery Addition and Subtraction Challenge Cards

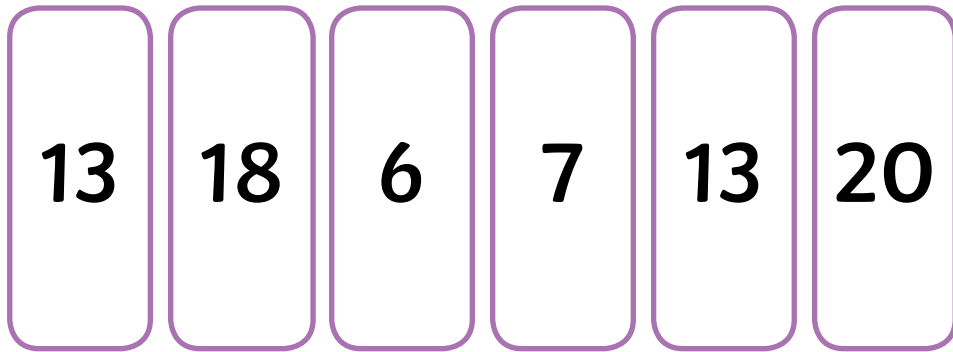
3. Can you fill in the missing numbers so that each row and column make a total of 100?

60	0	40
30	50	20
10	50	40

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Maths Mastery Addition and Subtraction Challenge Cards - Number Sentences

4. Use the cards to make as many addition and subtraction number sentences as you can. How many can you make?



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Maths Mastery Addition and Subtraction Challenge Cards - Number Sentences

5. Can you put numbers into these sentences to make them correct? How many different ways could you write the number sentence?

$$\square + \square = 50$$
$$85 = \square - \square$$

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Maths Mastery Addition and Subtraction Challenge Cards - Making Numbers

The number 36 can be split in many different ways:

36		36		36	
30	6	18	18	20	16

6. How many different ways can you make the number 36?

Some possible examples:

$$\begin{array}{lll} 36 = 35 + 1 & 36 = 33 + 3 & 36 = 31 + 5 \\ 36 = 34 + 2 & 36 = 32 + 4 & 36 = 29 + 7 \end{array}$$

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Maths Mastery Addition and Subtraction Challenge Cards - Making Numbers

7. Try it with the number 24! How many different ways can you make 24?

Can you find more ways than your partner?

Some possible examples:

$$\begin{array}{lll} 24 = 24 + 0 & 24 = 22 + 2 & 24 = 20 + 4 \\ 24 = 23 + 1 & 24 = 21 + 3 & 24 = 19 + 5 \end{array}$$

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Maths Mastery Addition and Subtraction Challenge Cards - Consecutive Numbers

$$2 + 3 + 4 = 9$$

$$3 + 4 + 5 = 12$$

$$4 + 5 + 6 = 15$$

$$5 + 6 + 7 = 18$$

8. If you continued this sequence, which number would come next? What do you notice?

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Maths Mastery Addition and Subtraction Challenge Cards

9. Using the coins, how many different ways can you find to make a total of 25p?

$$10p + 10p + 5p = 25p$$

$$10p + 10p + 2p + 2p + 1p = 25p$$

$$10p + 10p + 2p + 1p + 1p + 1p = 25p$$

$$10p + 10p + 1p + 1p + 1p + 1p + 1p = 25p$$

$$10p + 5p + 5p + 5p = 25p$$

$$10p + 5p + 5p + 2p + 2p + 1p = 25p$$

$$10p + 5p + 5p + 2p + 1p + 1p + 1p = 25p$$

$$10p + 5p + 5p + 1p + 1p + 1p + 1p + 1p = 25p$$

$$5p + 5p + 5p + 5p + 5p = 25p$$

$$5p + 5p + 5p + 5p + 2p + 2p + 1p = 25p$$

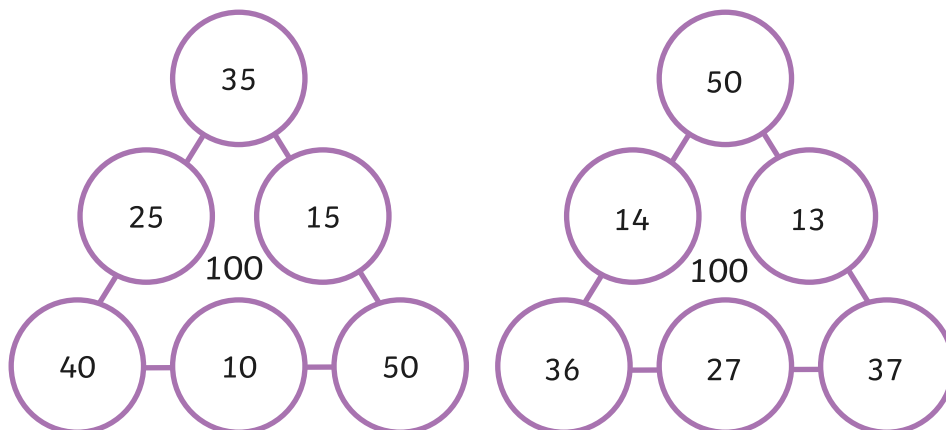
$$5p + 5p + 5p + 5p + 2p + 1p + 1p + 1p = 25p$$

$$5p + 5p + 5p + 5p + 1p + 1p + 1p + 1p + 1p = 25p$$

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Maths Mastery Addition and Subtraction Challenge Cards

Can you complete these triangles so that each side totals 100?



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