

Please remember to read for a minimum of half an hour every day and spend at least 15 minutes on Doodle Maths.

Reading task – Explain which character in your story is your favourite and why. If you were the author, how would you have altered the character? Would you have changed their appearance? Their interactions with others? Their responses to situations? Explain why.

 **Spellings.** 

Click on the link to play a game that will help you to learn the spelling of some of the words on the National Curriculum word list for Year 6.

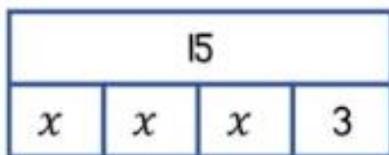


https://www.spellzone.com/word_lists/games-138587.htm

Today's Maths Learning.

What can you remember about algebra? Before lockdown, we had started to learn about questions like these.

Find the value of x in each bar model

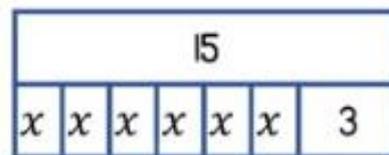


$$3x + 3 = 15$$

$$15 - 3 = 3x$$

$$12 = 3x$$

$$4 = x$$



$$6x + 3 = 15$$

$$15 - 3 = 6x$$

$$12 = 6x$$

Use bar models (if you need to) to help you solve the following equations.

- 1) $2x + 4 = 14$
- 2) $4x + 7 = 19$
- 3) $6x + 5 = 23$
- 4) $2x + 11 = 27$
- 5) $5x + 9 = 29$
- 6) $7x + 13 = 34$
- 7) $4x + 3 = 35$
- 8) $6x + 18 = 24$
- 9) $9x + 5 = 104$
- 10) $6x + 11 = 65$

- 11) $3x - 7 = 20$
- 12) $10x - 10 = 30$
- 13) $6x - 2 = 28$
- 14) $3x - 5 = 13$
- 15) $5x - 8 = 27$
- 16) $4x - 7 = 1$
- 17) $8x - 6 = 18$
- 18) $7x - 11 = 17$
- 19) $9x - 21 = 60$
- 20) $2x - 9 = 15$

Section A

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|------------------|-------------------|-------------------|--------------------|
| 1) $7x + 9 = 23$ | 4) $9x + 5 = 41$ | 7) $10x + 2 = 72$ | 10) $4x + 7 = 9$ |
| 2) $5x + 7 = 42$ | 5) $4x + 2 = 34$ | 8) $7x + 3 = 52$ | 11) $8x + 11 = 15$ |
| 3) $4x + 3 = 51$ | 6) $11x + 3 = 36$ | 9) $6x + 5 = 17$ | 12) $4x + 17 = 18$ |

Section B

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|------------------|-------------------|------------------|--------------------|
| 1) $1 + 6x = 19$ | 4) $11 + 5x = 71$ | 7) $23 = x + 8$ | 10) $13 = 11 + 4x$ |
| 2) $9 + 7x = 30$ | 5) $5 + 3x = 32$ | 8) $28 = 3x + 1$ | 11) $7 = 8x + 3$ |
| 3) $3 + 2x = 17$ | 6) $4 + 5x = 44$ | 9) $53 = 8x + 5$ | 12) $12 = 7 + 15x$ |

Section C

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|------------------|------------------|-------------------|-------------------|
| 1) $4x - 1 = 31$ | 4) $8x - 2 = 46$ | 7) $9x - 4 = 32$ | 10) $2x - 1 = 2$ |
| 2) $3x - 4 = 29$ | 5) $2x - 7 = 21$ | 8) $5x - 1 = 64$ | 11) $4x - 8 = 10$ |
| 3) $6x - 5 = 31$ | 6) $7x - 3 = 18$ | 9) $12x - 9 = 39$ | 12) $15x - 2 = 3$ |

Section D

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|-----------------|------------------|--------------------|--------------------|
| 1) $x - 3 = -2$ | 4) $x + 3 = 2$ | 7) $2x - 3 = -9$ | 10) $2x + 5 = 1$ |
| 2) $x - 5 = -1$ | 5) $x + 9 = 4$ | 8) $2x - 10 = -2$ | 11) $2x + 14 = 4$ |
| 3) $x - 6 = -4$ | 6) $x + 10 = -5$ | 9) $2x - 18 = -20$ | 12) $2x + 11 = -5$ |

Section E

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|----------------|-----------------|------------------|--------------------|
| 1) $5 - x = 2$ | 4) $8 - x = 14$ | 7) $3 - 2x = 5$ | 10) $2 - 3x = 14$ |
| 2) $9 - x = 5$ | 5) $2 - x = 15$ | 8) $5 - 2x = 15$ | 11) $6 - 3x = 27$ |
| 3) $6 - x = 3$ | 6) $7 - x = 21$ | 9) $8 - 2x = 12$ | 12) $16 - 5x = 61$ |

Section F

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|------------------|-------------------|--------------------|---------------------|
| 1) $3x - 1 = 14$ | 5) $1 - x = 6$ | 9) $34 = -6 + 5x$ | 13) $3 - 2x = 5$ |
| 2) $x - 4 = -3$ | 6) $8 + 5x = 63$ | 10) $6 + 11x = -5$ | 14) $8x + 42 = -54$ |
| 3) $3 + 2x = 17$ | 7) $16 - 2x = 40$ | 11) $-29 = 3 + 4x$ | 15) $6x - 16 = -70$ |
| 4) $7x - 6 = 50$ | 8) $34 = 6 - 4x$ | 12) $6x + 13 = 25$ | 16) $-9 - 4x = -53$ |

English

We have learned quite a bit about what has been happening on Illyria with Viola (Cesario), Duke Orsino, Lady Olivia and the rest of the cast but we haven't yet thought about what might have been happening to poor Sebastian after the shipwreck. We know that Viola assumed he was dead before we find out



that this can't have been true (when he arrives and marries Lady Olivia!). **Your task today** is to use your imagination and write about what Sebastian had been up to whilst separated from his twin sister. Remember that he was accompanied by Antonio, the Captain of the ship. You could write a section of the story, or if you would prefer, create a comic strip. Be as creative as you want – what crazy adventures could he have been enjoying while Viola was getting herself all muddled up in Illyria?

Topic



Today, you'll be sticking with our current theme in Science. Your task is to find out about all of the planets in our Solar System. How many are there? What are their names? How big are they? How far from the sun is each one? Which ones are closest to Earth? You should present



what you find out using diagrams and writing but exactly how you do it is up to you! You might be fed up of making posters, so why not choose something different, like a set of top trump cards or a leaflet? If you wanted to take it one step further – could you create a game based upon what you find out?

PE



Keeping active is so important! Make the most of the fact that it isn't too hot (even though it's July!) and get moving! Which activity will you choose today? If you're not sure, follow this link for a quick HIIT workout.

<https://www.youtube.com/watch?v=d3LPrh10v-w>