YEAR 6 Suggested activities week beginning 13th July

These are suggested activities for the week. Timings and days are a guidance only. Adapt according to weather, mood and enthusiasm!

Time guidance	Monday	Tuesday	Wednesday	Thursday	Friday
30 mins	**Sports Day** complete activities at school or at home (look at the weekly resources for information).	Dorset Games Website Use the link below, then look at the 'related files' box on the right, then click on 'PE at home resource KS1/2': https://www.yourschool-games.com/sgo/christchuch-and-the-purbecks/	Try out some street dance using this link: https://www.bbc.co.uk/teach/class-clips-video/street-dance-master-class/zh2vpg8	Dorset Games Website Use the link below, then look at the 'related files' box on the right, then click on 'PE at home resource KS1/2': https://www.yourschool-games.com/sgo/christch-uch-and-the-purbecks/	Try out some street dance using this link: https://www.bbc.co.uk/teach/class-clips-video/street-dance-master-class/zh2vpg8

45 mins-1 hour	**English** To identify key features of a poem: https://classroom.thenational.academy/lessons/writing-focus-identify-the-key-features-9b040a **Or:** plan a rhyming poem about Lockdown. Use brainstorming to think of the following: • rhyming pairs of words • a story for your poem • regular syllable pattern for each verse-try out a few lines first. • plan for 4 verses with 4/6 lines in each verse. • consider your theme- funny, emotive?	**English** To plan a rhyming poem: https://classroom.thenational.academy/lessons/writing-focus-planning-including-rhyme-and-archaic-language **Or:** Write your rhyming poem about Lockdown.	**English** To write a rhyming poem: https://classroom.thenational.academy/lessons/writing-focus-write-a-poem **Or:** Edit your poem. Remember to check: • syllable pattern (should be similar or the same for your rhyming lines) • rhyming words actually rhyme (or a least sound very similar)	**English** To write a thank you letter for someone that has helped you at home, or at school during Lockdown	**English** Send your thank you letter to the recipient (the receiver of the letter) and see whether you get a reply!

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45 mins-1 hour	**Maths** **Summer term Wk 11** To calculate angles correctly around a point: https://whiterosemaths.com/homelearning/year-6/ Or: complete questions 4 and 5 on p6 of this timetable. REMEMBER, when cross two straight lined, the opposite angles will be equal.	**Maths** **Summer term Wk 11** To correctly calculate missing angles in a triangle: https://whiterosemaths.com/homelearning/year-6/ Or: complete questions 5 and 6 on p6 of this timetable. REMEMBER: an equilateral triangle has 3 equal inside angles; an isosceles triangle has two equal angles; and a scalene's angles are all different.	**Maths** **Summer term Wk 11** To identify angles in special quadrilaterals: https://whiterosemaths.com/homelearning/year-6/ Or: complete question 3 on page 7. REMEMBER, a straight line angle=180 degrees.	**Maths** **Summer term Wk 11** To calculate angles in regular polygons: https://whiterosemaths.com/homelearning/year-6/ Or: complete question 1 and 2 on page 8. Make sure you use a ruler when drawing your triangles inside your polygons.	**Maths** **Summer term Wk 10** **Friday Challenge** Answer questions starting with challenge 2: https://wrm-13b48.kx-cdn.com/wp-content/uploads/2020/07/Family-Challenge-Friday-3rd-July.pdf Or: write 10 mental arithmetic questions, then answer them

45 mins-1 hour	**Reading** Read Ch.53-56 of Boy In The Tower using the version saved on the school website (week 8.6.20) **Or**: Read the next chapter in your book that you are reading at home.	**Reading** Using appendix O in the weekly resources, find evidence from the text to suggest whether your main characters are optimistic, pessimistic or realistic about the news that the bluchers are inside the building **Or:** write a memory or an experience that relates to an event that has happened in your reading book	**Reading** Read Ch.57-end of Boy In The Tower using the version saved on the school website (week 8.6.20) **Or:** Read the next chapter in your book that you are reading at home.	**Reading** compare both book covers and their synopsis (blurb) that Polly Ho-Yen has written (look in weekly resources) and write similarities and differences (using appendix P). Or: re-write a section of your book that contains dialogue and re-write as a play script.	**Reading** Design a front cover, including a title on a book that you would write for someone to remember what happened in Lockdown.

45mins-1 hour	**Sports Day** complete activities at school or at home (look at the weekly resources for information).	**PSHE** **Puberty** choose which videos you would like to watch and discuss with your teacher any concerns or questions that you may have: https://www.bbc.co.uk/teach/class-clips-video/pshe-ks2--ks3-ask-lara/zmc3jhv Or: Ask your older sibling, cousin, friend or family member about what they found challenging about puberty, and ask them any questions that you might have about your own puberty journey.	**PSHE** **Your Future?** Watch some of the following videos about what you could aspire to be in the future: https://www.bbc.co.uk/teach/class-clips-video/pshe-ks2--ks3-spark-fire-up-your-future/z4q2vk7 Or: discuss with the adults in your family what they wanted to be when they were at school. Did any of their aspirations come true? if not, why not?	**ART** **Mindful Art** listen to a piece of instrumental music (from You Tube) and draw a picture that is inspired by the music . It could just be patterns, or it might make you think of a particular scene or setting. Or: listen to a favourite song and draw or doodle based on how you feel when listening to the music.	**FREE CHOICE** Although you are not spending your last afternoon with your class, think of something fun you can do to celebrate that it's almost the summer holidays!
30 mins to 1hour	**Sports Day** complete activities at school or at home (look at the weekly resources for information).	**Mindfulness:** Yoga/Well-being session https://www.youtube.com/user/CosmicKidsYoga	**Mindfulness:** Yoga/Well-being session https://www.youtube.com/user/CosmicKidsYoga	**Mindfulness:** Yoga/Well-being session https://www.youtube.com/user/CosmicKidsYoga	**Mindfulness:** Yoga/Well-being session https://www.youtube.com/user/CosmicKidsYoga

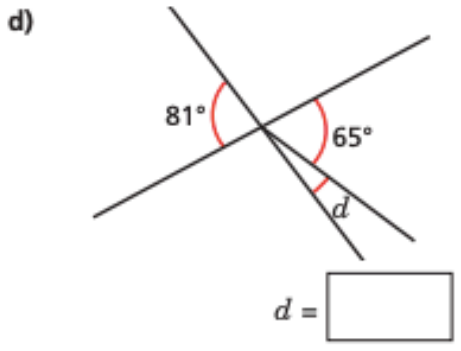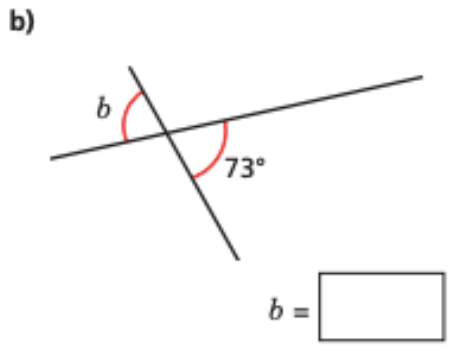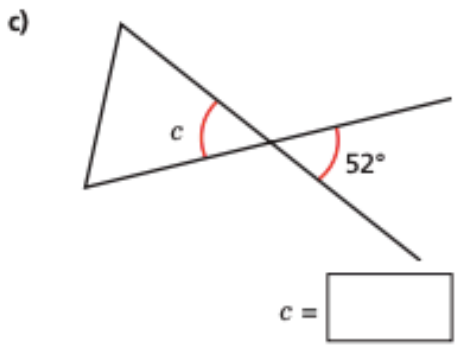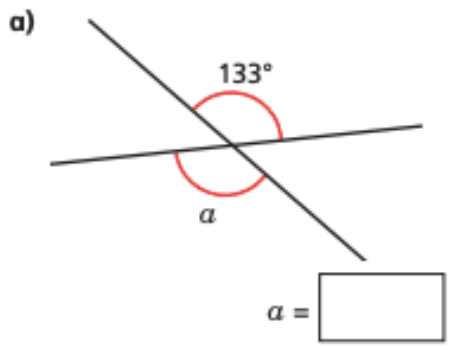**4** Annie is working out the size of angle f.

79°

f
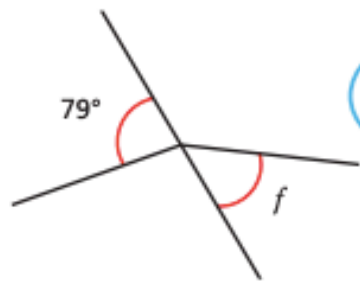
Angle f is equal to 79° because vertically opposite angles are equal.

Do you agree with Annie? _____

Explain your answer.

_____

_____

5 Work out the unknown angles.

a)

133°

a

$a =$ [ ]

b)

b

73°

$b =$ [ ]

c)

c

52°

$c =$ [ ]

d)

81°

65°

d

$d =$ [ ]

5 Two isosceles triangles are joined to form a kite.

a) Work out the sizes of the unknown angles.

w 104° y

x z

68°
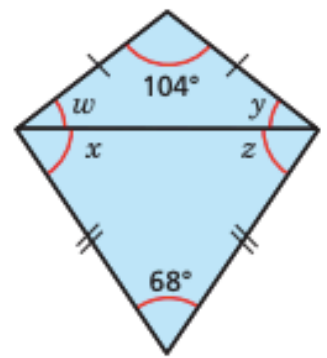
$w =$ [ ] $y =$ [ ] $x =$ [ ] $z =$ [ ]
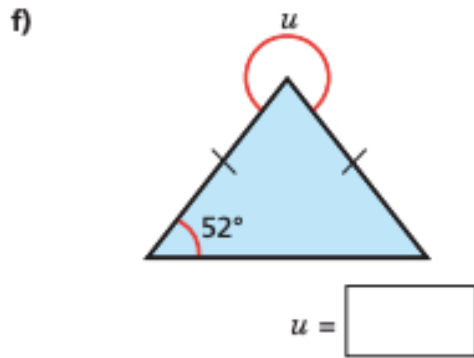
b) Work out $w + x$.

[ ]

c) Work out $y + z$.

[ ]

What do you notice? Talk about it with a partner.

6 Work out the sizes of the unknown angles.

a)

91°

113°

87°

r

b)

s

73°
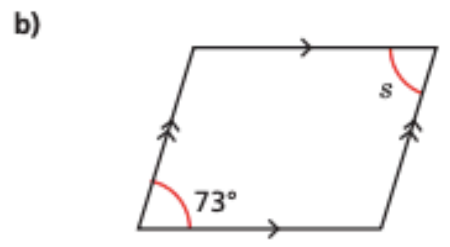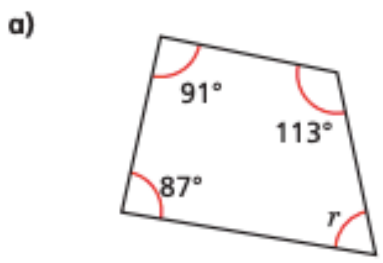
3 Work out the sizes of the angles marked with letters.

a)

84°   131°

p

$p =$ ☐

b)

q

34°

$q =$ ☐

c)

r

$r =$ ☐

d)

122°   *s*   41°

e)

71°

128°   *t*

$t =$ ☐

f)

u

52°

$u =$ ☐
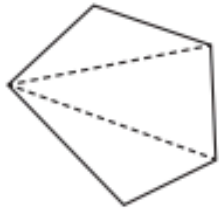
g)

72°

49°   *v*

$v =$ ☐

h)

w   25°
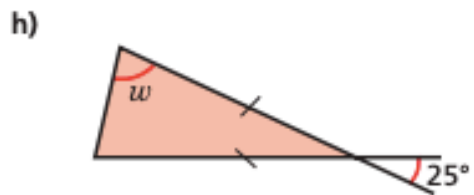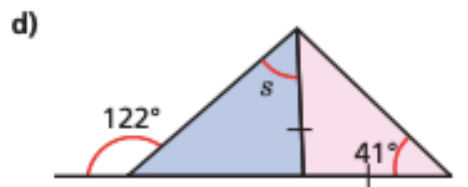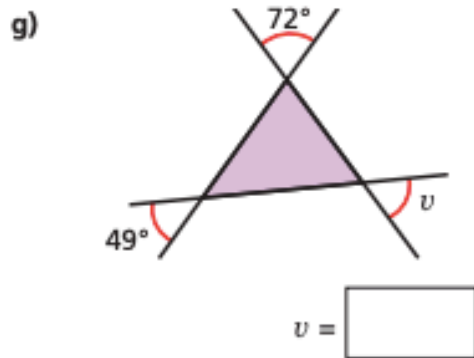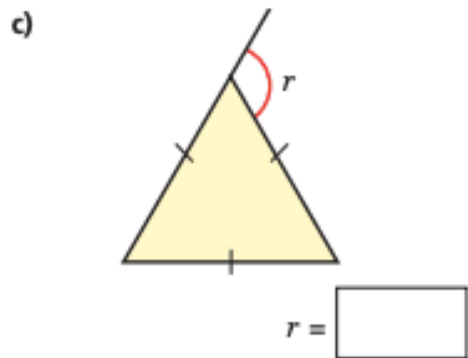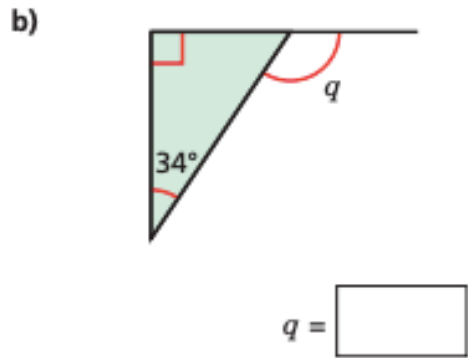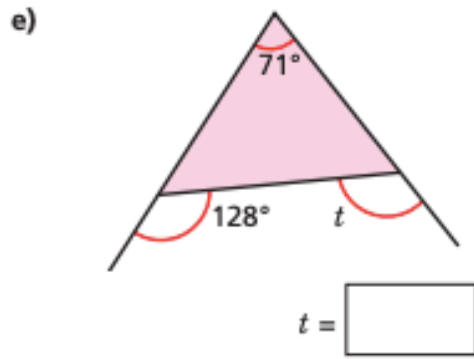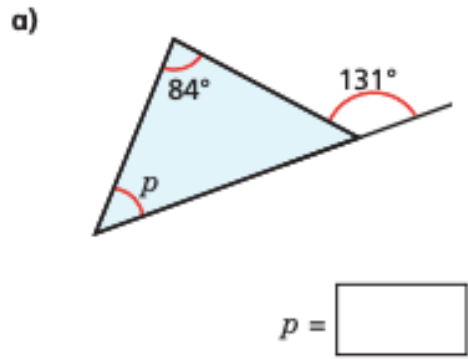
1 The sum of the interior angles of a triangle is 180°.

Split the polygons into triangles to work out the sum of their interior angles. Your lines should not overlap.

The first one has been done for you.

a)

number of sides = | 5 |

number of triangles = | 3 |

3 × 180 = | 540 |

The sum of the interior angles of a pentagon is | 540° |

b)

number of sides = | |

number of triangles = | |

| | × 180 = | |

The sum of the interior angles of a hexagon is | |

c)

number of sides = | |

number of triangles = | |

| | × 180 = | |

The sum of the interior angles of a heptagon is | |

What do you notice about the number of sides compared

2 Complete the table.

Shape	Number of sides	Number of triangles	Sum of interior angles
quadrilateral	4	2	360°
pentagon			
nonagon			
decagon			
	6		
		6	
			1,800°