YEAR 5

HOME LEARNING

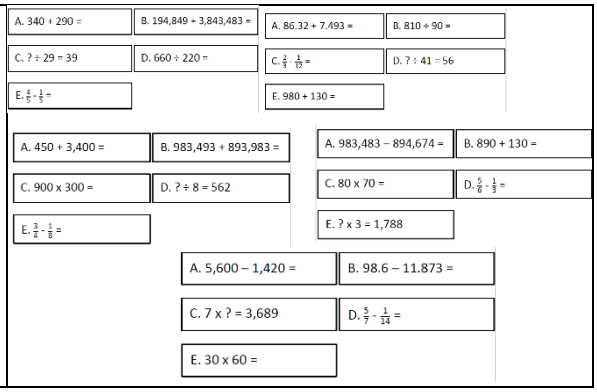
Oldbury Park PRIMARY RSA ACADEMY

Wow! We've made it! It's the final week of term! We would like to take this opportunity to say a big well done and thank you to you all for your hard work this year and to your parents for all their hard work and support too! You've all done an amazing job! We are so proud of how you have all adapted to this strange situation and thrown yourself into learning at home, carrying out the work we have set, but also doing so many other lovely activities which have allowed you to be creative, active, independent, resourceful, helpful and so much more. We have loved seeing and hearing about what you have been up to and look forward to seeing you all back at school in September.
If we were in school, we would be carrying out some transition work this week, reflecting on the year we have had and looking forward to the next. With this in mind, have a go at some of the activities below.
Have a great summer and stay safe!
Mr Williams Mrs Tudge Miss Wilkinson Mr Burnage Ms Carter

EVERY DAY

Daily Maths lessons - https://whiterosemaths.com/homelearning/
Watch the video and then complete the written task (these could be printed out or you could just write the answers in the book we sent home). This is 30-40 minutes work.

This week is all about angles. (Week 10 of the summer term videos and activities.)
Answers now saved as a separate document on the school website.
White Rose Maths have also produced some new Parent booklets to be used over the summer. These may be a good source of revision or keeping skills ticking over. https://whiterosemaths.com/ Click the icon named Parent Workbooks.
Mathletics – 15-20 minutes (more if you wish).
We have also included the Fluency in 5 resources for arithmetic practice.
Read for at least 15 minutes



Additional tasks for this week (13/7/20)

English

Mon/Tues – Looking back…
I wonder if you remember creating an exploding book all about David Attenborough in the first couple of weeks of term last September?!

Now it's time to create an exploding book all about you and your time in Year 5. Here is an explanation of how to create the book… https://www.youtube.com/watch?v=IR7kLAZ1iCI
Sections you could include with explanations and illustrations:

- Your favourite memory from this year.
- Some of the things you have learnt.
- What you are proud of.
- Something you have improved in.
- Memories shared with friends.
- Your favourite piece of work.
- Something you've learnt about yourself during lockdown.
- Something that lockdown has taught you.

Wed/Thurs – Looking forward
Now it's time to think about next year. Write a short letter or email to your new teacher. You could consider the following paragraph ideas:

- Introducing yourself and telling them a bit about you (family, likes, dislikes, hobbies, interests etc.)
- Talking about you as a learner (What are you good at? What do you find difficult? What would you like to improve? What helps you to learn? Who do you learn well with?)
- Thinking about what you are looking forward to in Year 6.
- Anything else you can think of!

Friday – Friday Film day!
Choose a film, sit back, relax and congratulate yourself on an amazing, hardworking, slightly different to usual year!

Topic

Choose one of the activities to have a go at to share a bit about yourself with your new teacher next year… (Larger versions of the examples are provided below.)
Create an 'All about me tee'

Create an 'All about me swirl'.



Create an 'All about me outline'.

French - Your task this week is to download the free DUOLINGO app on your smart device. You will need an email address to do this. The free version of this app will help you to practise your French this week and over the holidays and should spot any gaps in your memory. Try and do a little each day to help you improve and be ready for Y6 and beyond.

Science – Day trip out! Next time you visit a National Trust site or a woodlands, take some photos of the flowers that you find. Can you remember all the parts of a flower that help it to reproduce? See how many types of flower you can find and if you can learn their names. You might also find some interesting wildlife that you've not come across before.

AND THE WINNING TIE IS…

Congratulations to Rudi for his winning design! We can’t wait to see you all wearing it in September.

Spellings: As it is the last week, here are a couple of spot the mistakes activities which use some of the words you have been learning this half term.

Spot Mr Whoops' Mistakes

Mr Whoops is a little bit clumsy; in fact, he's very clumsy!! Even though he's really trying hard with his writing, he's still accidentally misspelt TEN of his Year 5 Term 3B spelling words. Can you spot his mistakes?

Highlight them in the passage of text.

Could you then correct the words at the bottom of the sheet and create a list for Mr Whoops to practise?

Activity 1

Mr Whoops is in special ops training. He is taking lessons in asertive but mercyful behaviour, how to deefuse bombs and deecoad spy messages.

He is currently in a secret tropickal location. Here, among other things, he must slide across a log over a crocodile-infested swamp and not overbaluns. He must also show how not to overeact in the face of definate danger.

His final test will be an imaginary offensieve in which he and the other trainees must overtern a corrupt leader and free some prisoners.

Rather him than me!

Mr Whoops needs to practise these words:

Spot Mr Whoops' Mistakes

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Highlight them in the passage of text.

Could you then correct the words at the bottom of the sheet and create a list for Mr Whoops to practise?

Activity 2

Mrs Travis was the faythful old chef at Twinkl Towers, the fancifle home of Lord Fortesque. However, it was doutful whether she had actually ever been taught how to cook. Take any delicious, attractiv meal and Mrs Travis would find a new way to deeform it. A delicious sponge cake would deflait to a crispy pancake and she would oavercook a roast until it became a pityful heap of burnt scraps. Lord Fortesque was quite desperete for a decent meal but did not want to hurt her feelings. Instead, he would find an excuse most days to walk past the village bakery and inhale the adictive aroma of cakes and pastries.

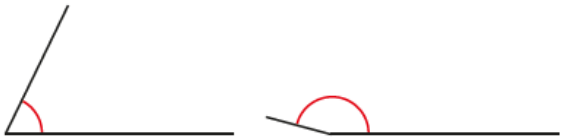
Mr Whoops needs to practise these words:

Measuring with a protractor (2)

1 Circle the greater angle in each pair.

a)

b)



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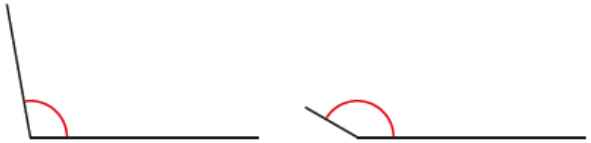
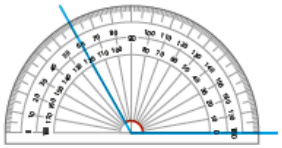


d)

2 What is the size of the angle marked in each diagram?

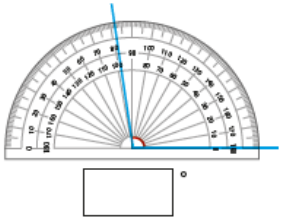
a)



d)

b)

e)



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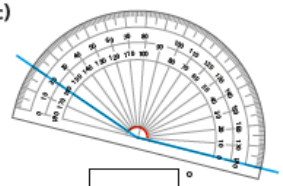

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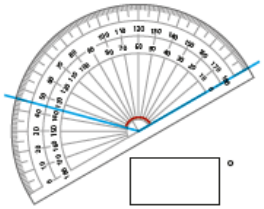

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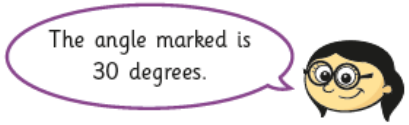


a) How do you know, just by looking at the angle, that it is not 30 degrees?

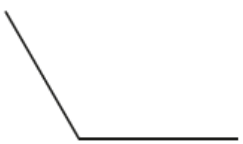
b) What mistake do you think Annie has made?

4 Scott is trying to measure the obtuse angle.

What mistake has Scott made?

5 Measure each of the angles.

a)



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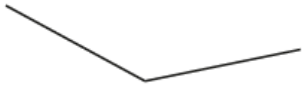
c)



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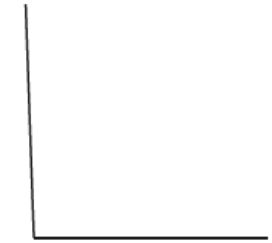
b)



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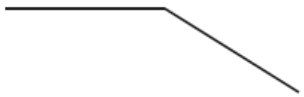
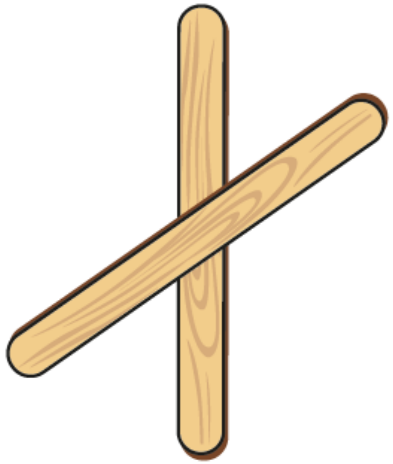
d)



°

6 Eva puts one ice-lolly stick over another ice-lolly stick.



a) Estimate the size of the largest angle between the two ice-lolly sticks.

My estimate is ☐ °.

b) Measure the angle to check your estimate.

The actual measurement is ☐ °.

c) Measure the size of each of the angles formed by the ice-lolly sticks and label them on the diagram.

d) Use ice-lolly sticks to create different sized angles and measure them.

Drawing lines and angles accurately

1 Draw each of the angles accurately.

Use the line provided as part of your angle.

a) 60 degrees

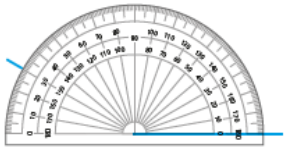
b) 85°

c) 110°

d) 143°

2 Dexter is asked to draw an angle of 30 degrees.

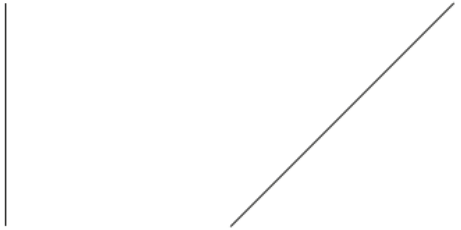
He marks a point as shown.



What mistake has Dexter made?

3 Draw an angle of 100° on each line.

Use the lines to form part of the angle.

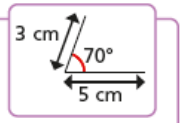


4 Draw three angles that all measure 55°.

Each angle should be in a different orientation.

5 Draw these lines and angles accurately using a ruler and protractor.

a)



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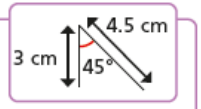
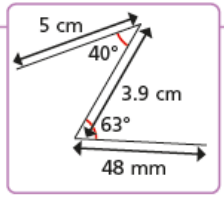
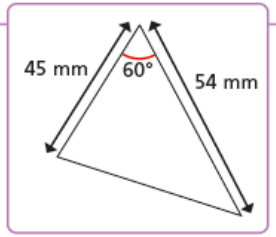


6 Make an accurate drawing of the shape.



7 Draw the triangle accurately and work out its perimeter.

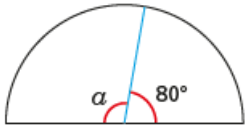


perimeter = ☐ mm

Calculating angles on a straight line

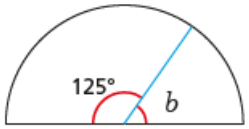
1 Work out the sizes of the unknown angles.

a)



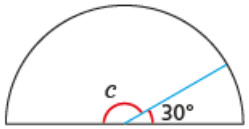
$a =$ ☐ °

b)



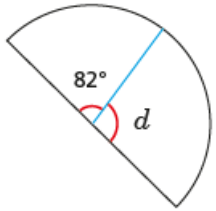
$b =$ ☐ °

c)



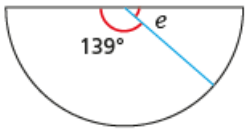
$c =$ ☐ °

d)



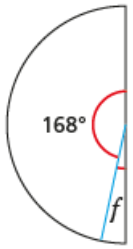
$d =$ ☐ °

e)



$e =$ ☐ °

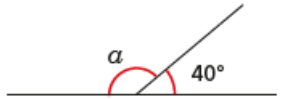
f)



$f =$ ☐ °

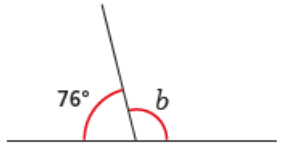
2 Work out the size of the unknown angles.

a)



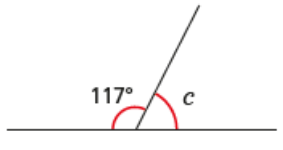
$a =$ ☐ °

b)



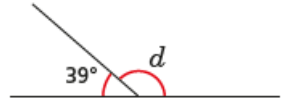
$b =$ ☐ °

c)



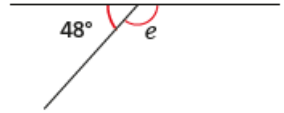
$c =$ ☐ °

d)



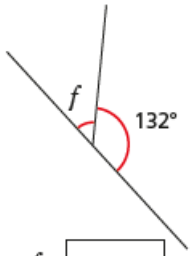
$d =$ ☐ °

e)



$e =$ ☐ °

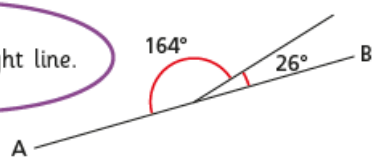
f)



$f =$ ☐ °

3 Dora draws two angles.

AB is a straight line.



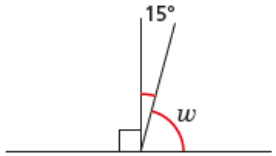
Do you agree with Dora? _____

Explain your answer.

4 Work out the size of the unknown angles.

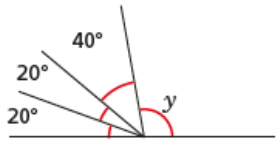
Show the steps in your working.

a)



$w =$ ☐ °

c)

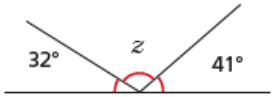


$y =$ ☐ °

b)

$x =$ ☐ °

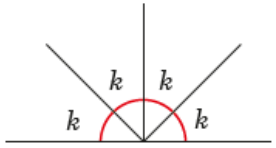
d)



$z =$ ☐ °

5 Work out the sizes of the unknown angles.

a)

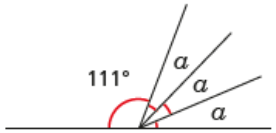


$k =$ ☐ °

b)

$g =$ ☐ °

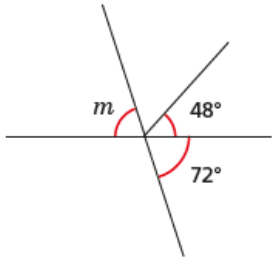
6 Work out the size of angle a.



$a =$ ☐ °

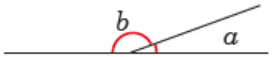
7 Work out the size of angle m.

Show all your working out.



$m =$ ☐ °

8 Two angles are marked.



Angle b is eight times the size of angle a.

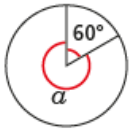
What is the size of each angle?

$a =$ ☐ ° $b =$ ☐ °

Calculating angles around a point

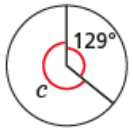
1 Work out the sizes of the unknown angles.

a)



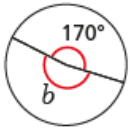
$a =$ ☐ °

c)



$c =$ ☐ °

b)



$b =$ ☐ °

d)

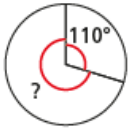
$d =$ ☐ °

2 Ron turns clockwise through 110 degrees.

He continues to turn the same way.

He wants to turn to where he was facing at the start.

How many more degrees does he need to turn through?



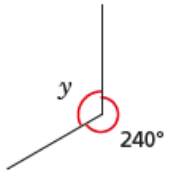
☐ °

3 Work out the size of the unknown angles.

a)

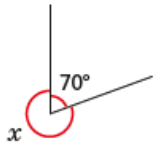
$w =$ ☐ °

c)



$y =$ ☐ °

b)



$x =$ ☐ °

d)

$z =$ ☐ °

4 Work out the sizes of the unknown angles.

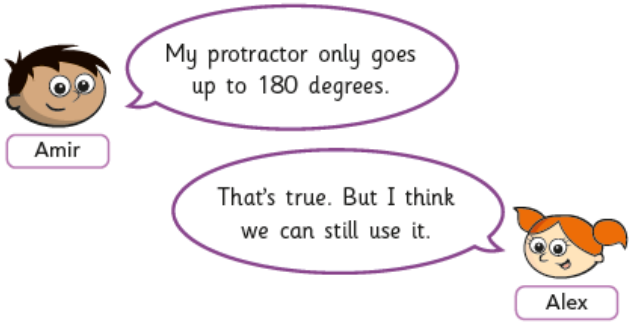
a)

$m =$ ☐ °

b)

$n =$ ☐ °

5 Ms Hall asks her class to draw an angle of 250 degrees.

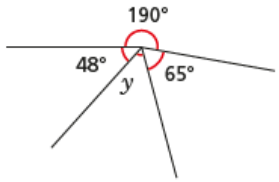


a) Explain why Alex is correct.

b) Draw an angle of 250 degrees.

Compare methods with a partner.

6 Work out the size of angle y.

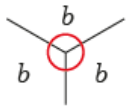


$y =$ ☐ °

7 Work out the sizes of the unknown angles.

Give reasons to support your answers.

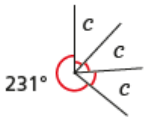
a)



$b =$ ☐ ° because _____

_____

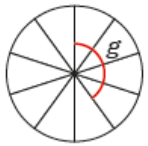
b)



$c =$ ☐ ° because _____

_____

8 A circle is divided into ten equal sections.



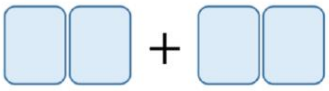
What is the size of the angle marked g? $g =$ ☐ °

Challenge 3

Danni has these four digit cards.

Danni uses all four cards to make two 2-digit numbers.

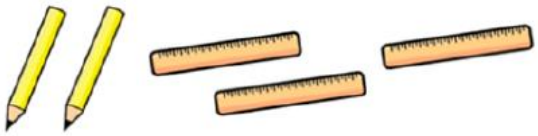
She then adds the two numbers together.



What is the greatest total she can make?

Challenge 4

Sonny buys 2 pencils and 3 rulers.



Each pencil costs 69p.

Sonny pays with a £5 note and receives £1.07 change.

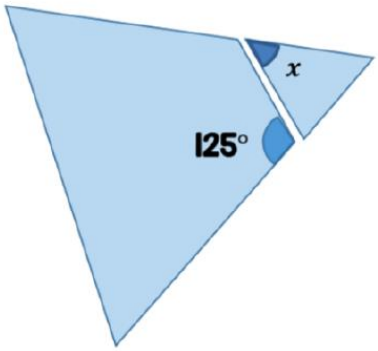
How much does a ruler cost?

Challenge 5

Adam has an equilateral triangle.

He cuts a corner off the triangle.

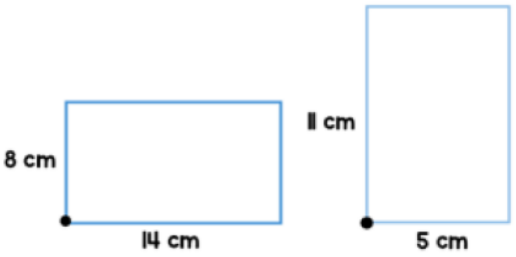
Here are the two pieces.



What is the size of the angle marked x?

Challenge 6

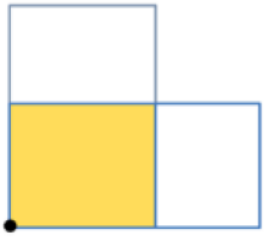
Here are two rectangles.



The two rectangles are put on top of each other.

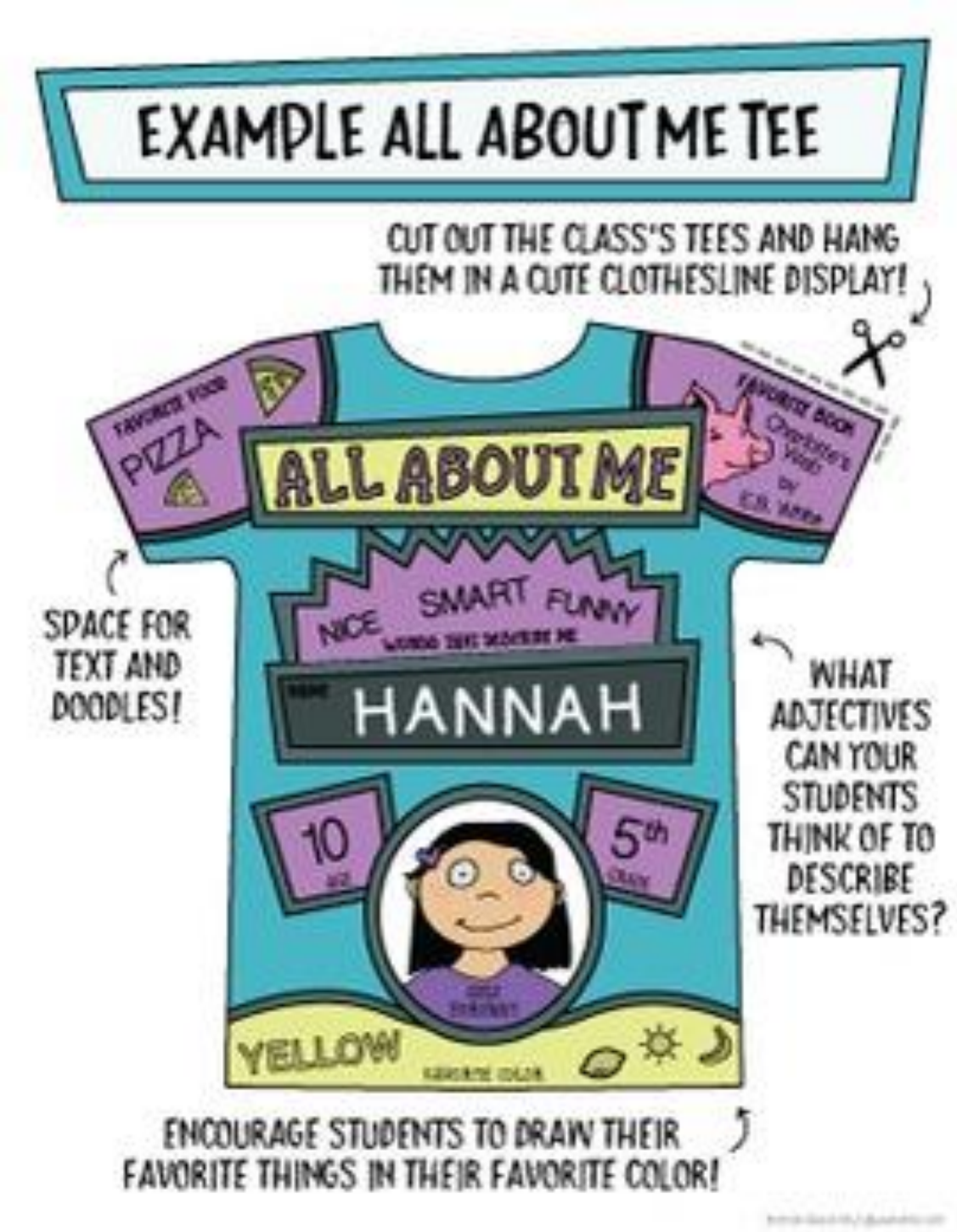
They are lined up so the black circles overlap.

The shaded area shows where the two rectangles overlap.



What is the area of the non-shaded parts of the shape?

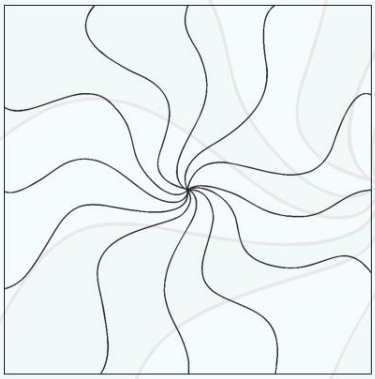
All About Me Tee



All About Me Outline

All About Me Swirl

Drawing the Swirl



Get your square piece of paper. Find the middle point by loosely folding the square in half and then in quarters.

Open out the square and mark a dot in the centre.
From the centre point, draw four curved lines to each of the corners. Then, draw eight more evenly-spaced curved lined between the four lines.

It should look like the example.