

Tuesday 7th July

Hello again Year 5,

How are you? We hope that you and your families are all keeping well and enjoying this time together.

Here is your learning for this week. In Maths we are looking at angles, with a number puzzle squeezed in on Friday. This is our last week on the 'Doors unit' so we hope that you will be really excited to be writing your story using all of the learning so far. PSHE is focusing on keeping our minds healthy using mindfulness and there are a few other fun activities hidden throughout the week too!

If you have some spare time or want to do some extra learning, you could visit <https://www.bbc.co.uk/bitesize> or <https://www.thenational.academy/online-classroom> where there are lots of lessons and activities to choose from.

As always, try to read for at least 20 minutes a day and take 'Accelerated Reader' quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password. To check that the book you are reading has a quiz, you can check it using on [Accelerated Reader Bookfinder](#).

Whilst you have been learning from home, you have been able to access free books online using **myON** which is linked to our 'Accelerated Reader' scheme. These books can still be accessed for free but you will now need our school login details to do this. After reading a book, you can then click on the 'Take AR Quiz' option and login to your account using your usual 'Accelerated Reader' username and password.

Our **myON** login details are:

Go to myon.co.uk and enter:

- **School Name:** Howley Grange Primary School (*type the first few letters and select from the drop-down menu*)
- **Username:** howley136student
- **Password:** read
- Click on the **Sign In** button, select a book, and start reading!

This message has also been sent as a parentmail and there is a pdf attached to that which explains how to choose books using **myON**. If you have any problems with **myON** or questions about 'Accelerated Reader' you can contact Mrs Graham using the school email.

Take care and keep smiling,

Miss Savage, Mrs Montgomery and Mrs Graham

English Activity 2a – Planning a portal story

Nearly all portal stories follow a similar pattern:

- | |
|--|
| <ul style="list-style-type: none">• Main character (MC) finds magical portal & enters new world• Describe new world |
| <ul style="list-style-type: none">• MC explores this new world & encounters a problem |
| <ul style="list-style-type: none">• MC has to escape & return through the portal |
| <ul style="list-style-type: none">• MC cannot find portal again
(sometimes brings back a memento of new world) |

Once you have identified the pattern of the story, the possibilities are endless. Let your imagination run free. Brainstorm lots of ideas and then decide which captures your interest as a writer. Before you start, take a look at my top tips.

Top tips for story writing:

- **Start in a world/a setting that you know well** – it is far easier to describe something familiar to you, e.g. a garden, your school, your local town, etc.
- **Use a stimulus (e.g. picture) for the new world** – an image will help you focus in on the detail and describe what is there.
- **Let your ideas flow** – don't worry about spelling, handwriting or presentation ... you can go back and edit this later.

Here are a couple of ideas to open your mind to the world of possibility:

Underlying Pattern	Story idea 1	Story idea 2
Main character (MC) finds magical portal and enters new world	Elif is playing in her Grandmother's garden and notices a small fairy door. Touches door and shrinks/ enters.	Josh and Archie playing hide and seek in their house. Archie opens hatch in the roof and discovers new world.

Describe new world	Arrives in an underground world full of caves, giant toadstools and magical creatures.	Transported to life onboard an enormous sailing ship in Tudor England.
MC explores new world and encounters a problem	Elif explores new world and enters an area strictly forbidden. Picks magical flower.	Ship is thrown into battle.
MC has to escape and return through the portal	Alarms sound and Elif runs. She is chased through the magical world by unknown threat and escapes.	Archie desperately searches for portal and way back to own world.
MC cannot find portal again (sometimes has brought back a memento of new world)	Elif cannot find fairy door again, but the cut flower lives on forever reminding her of her journey.	Archie escapes with small pouch of gunpowder in his pocket.

★ Using this underlying pattern, plan a few portal stories of your own. You may like to draw upon your own personal experience as well as your wider reading and imagination. I have also included two pictures in case they help you.



MATHS 10-4-10

1. What number is halfway between 6800 and 8200?

2. Rewrite $\frac{3}{12}$ in its lowest terms.

3. What fraction of an hour is 1 minute?

4. 10% of 90 =

5. $0.7 + 0.004 + 7.05 =$

6. Put these numbers in order, largest first.

3.543, 4.005, 4.0011, 4.01

7. Complete the sequence.

5.4, 5.7, 6, ,

8. Which is the odd one out?

674 543 879 891 645

9. What is the value of n ?

$12 + n = 54$

10. Double 46

Remember
- ten
questions in
ten
minutes.

If you find one tricky, just move on to the next and come back to any you have missed at the end.

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Maths Activity - Calculating angles on a straight line

For today's lesson, use the following link to White Rose Maths Home Learning and watch the video for Summer Term: Week 10: Lesson 3: Calculating angles on a straight line.

<https://whiterosemaths.com/homelearning/year-5/>

The video explains the concept in different ways; you can pause the video and complete questions on the sheet or in your homework books, or you may prefer to watch the whole video first before completing the sheet. If you feel you want to just go ahead and complete the sheet, then feel free to do so. You can then check your answers to see how you got on (answers are at the end of the presentation).

Again you should have a go at completing the questions you feel confident to. Remember, don't worry, just try your best.

Questions 1 - 4 ★

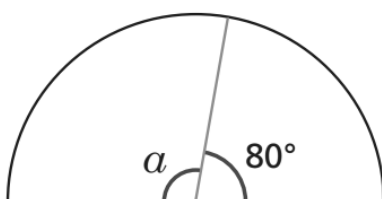
Questions 1 - 6 ★★

Questions 1 - 8 ★★★

Calculating angles on a straight line

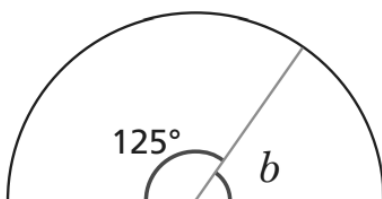
1 Work out the sizes of the unknown angles.

a)



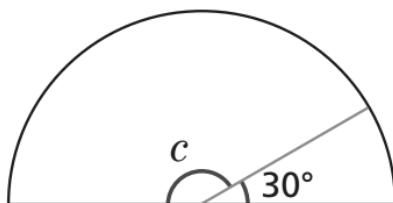
$$a = \boxed{}^\circ$$

b)



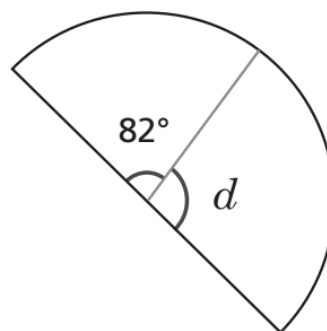
$$b = \boxed{}^\circ$$

c)



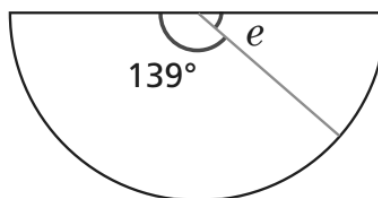
$$c = \boxed{}^\circ$$

d)



$$d = \boxed{}^\circ$$

e)



$$e = \boxed{}^\circ$$

f)

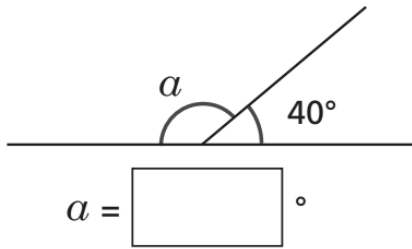


$$f = \boxed{}^\circ$$

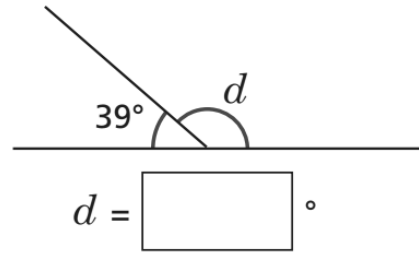
2

Work out the size of the unknown angles.

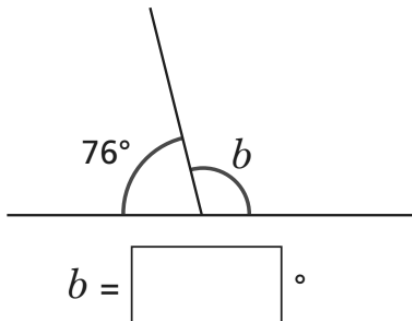
a)



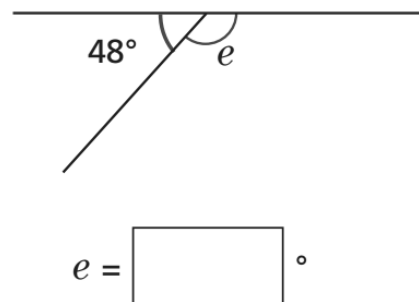
d)



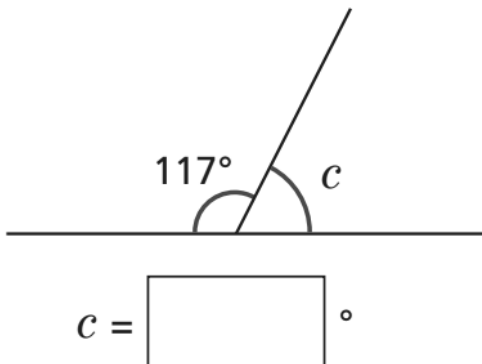
b)



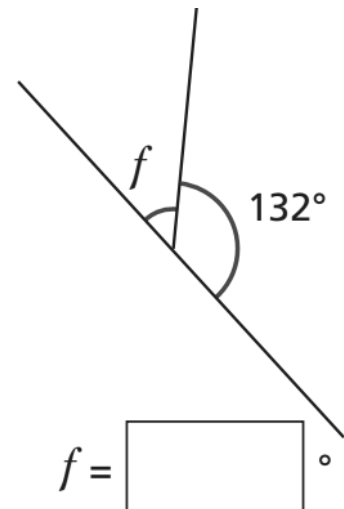
e)



c)

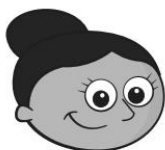


f)

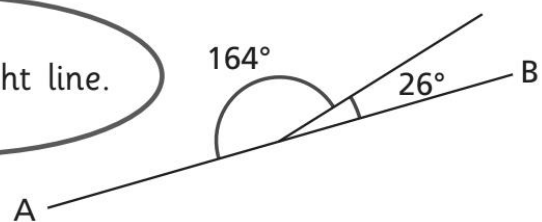


3

Dora draws two angles.



AB is a straight line.



Do you agree with Dora? _____

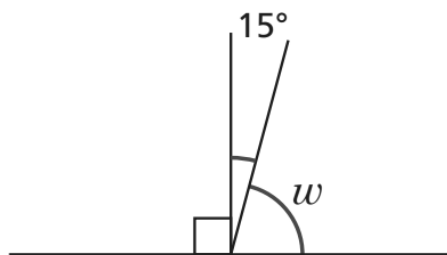
Explain your answer.

4

Work out the size of the unknown angles.

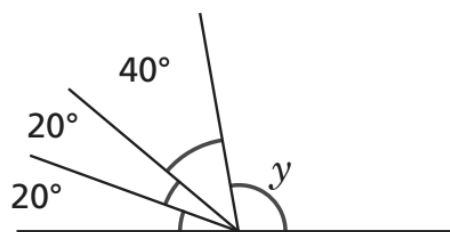
Show the steps in your working.

a)



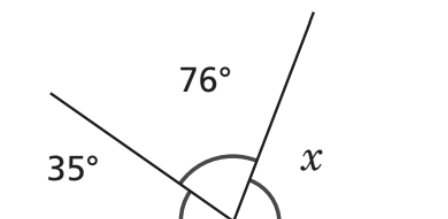
$$w = \boxed{}^\circ$$

c)



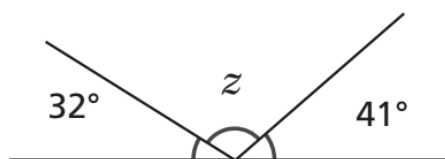
$$y = \boxed{}^\circ$$

b)



$$x = \boxed{}^\circ$$

d)

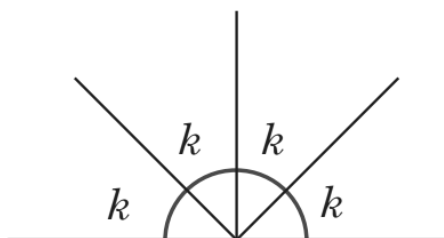


$$z = \boxed{}^\circ$$

5

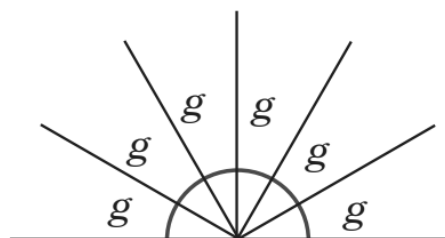
Work out the sizes of the unknown angles.

a)



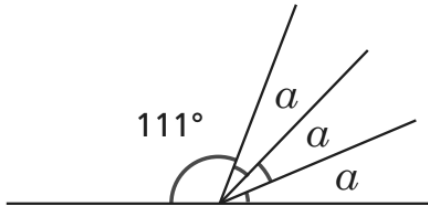
$$k = \boxed{}^\circ$$

b)



$$g = \boxed{}^\circ$$

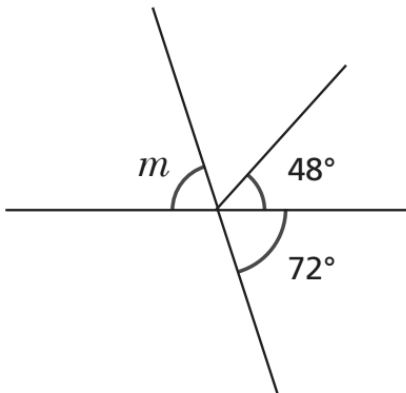
- 6 Work out the size of angle a .



$$a = \boxed{}^\circ$$

- 7 Work out the size of angle m .

Show all your working out.

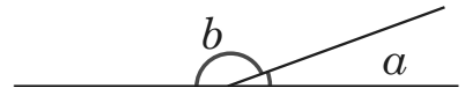


$$m = \boxed{}^\circ$$

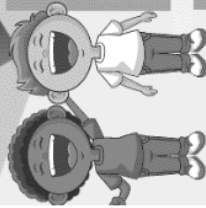
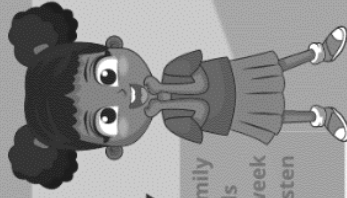
- 8 Two angles are marked.

Angle b is eight times the size of angle a .

What is the size of each angle?



$$a = \boxed{}^\circ \quad b = \boxed{}^\circ$$



MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

SUNDAY

"The level of our success is limited only by our imagination and no act of kindness, however small, is ever wasted." - Aesop

6

Make a smiling face out of a meal today

7

Give yourself a big hug

8

Make a new dance to your favourite song

9

Find a quote you like. Write it down and stick it on your wall

10

Have a talent show with your friends or family

11

Dress up as someone you think is a kind person for the day

12

Treat yourself to 1 hour of doing something that makes you really happy

13

Go through the alphabet. Think of a kind word for each letter

14

Say thank you to a stranger if they help you today

15

Be kind to nature

16

Send someone you've not seen for a while a virtual hug

17

Leave kind messages around the house for others to see

18

Invent a new way to be kind

19

Spend some time doodling

20

Forgive yourself if you do not succeed at first

21

Help a friend or family member set a goal

22

Share what you have learnt recently with a teacher

23

Get active outdoors. If someone falls over, help them up

24

If you're struggling, take a break and try again later

25

Make a treasure hunt for your family

26

Praise someone for achieving their goal

27

Consider 3 ways you could care for yourself more

28

Think of how your favourite character in a story you like shows kindness

29

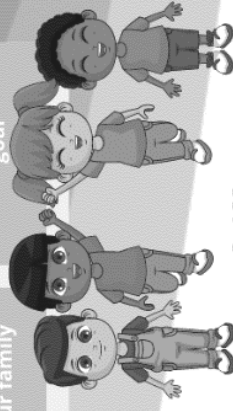
Remember a time when someone was kind to you. How did it make you feel?

30

Think about what you could do every day to be kind

31

Collect the gift you hid for yourself and celebrate!



@yesfutures



@YESfutures



@yes_futures

www.yesfutures.org

#HomeGrownSkills

**SELF -
AWARENESS**

RESILIENCE

COMMUNICATION

CONFIDENCE

ANSWERS

ANSWERS: 10-4-10

1. What number is halfway between 6800 and 8200? **7500**

2. Rewrite $\frac{3}{12}$ in its lowest terms. **$\frac{1}{4}$**

3. What fraction of an hour is 1 minute? **$\frac{1}{60}$**

4. 10% of 90 = **9**

5. $0.7 + 0.004 + 7.05 =$
7.754

6. Put these numbers in order, largest first.

4.01, 4.005, 4.0011, 3.543

7. Complete the sequence.

5.4, 5.7, 6, **6.3, 6.6**

8. Which is the odd one out?

674 543 879 891 645

9. What is the value of n ?

$12 + n = 54$ **$n = 42$**

10. Double 46 **92**

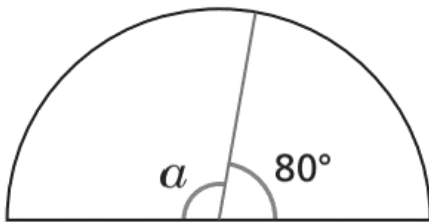
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ANSWERS - Calculating angles on a straight line

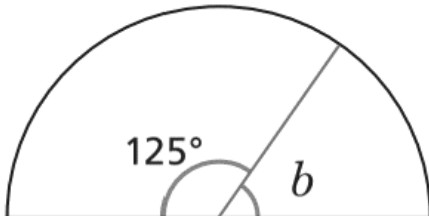
1 Work out the sizes of the unknown angles.

a)



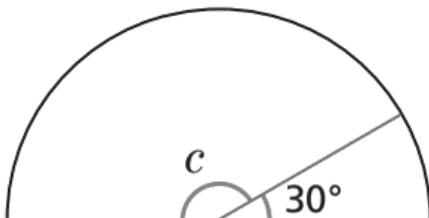
$$a = \boxed{100}^{\circ}$$

b)



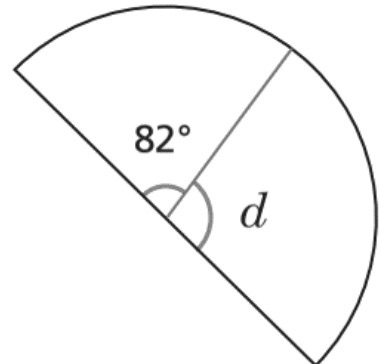
$$b = \boxed{55}^{\circ}$$

c)



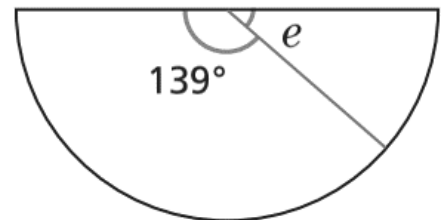
$$c = \boxed{150}^{\circ}$$

d)



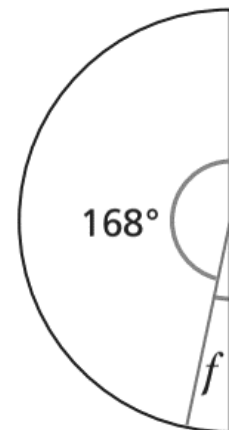
$$d = \boxed{98}^{\circ}$$

e)



$$e = \boxed{41}^{\circ}$$

f)

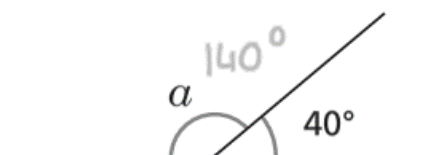


$$f = \boxed{12}^{\circ}$$

2

Work out the size of the unknown angles.

a)



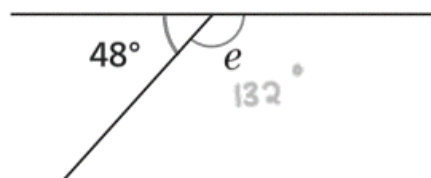
d)



b)



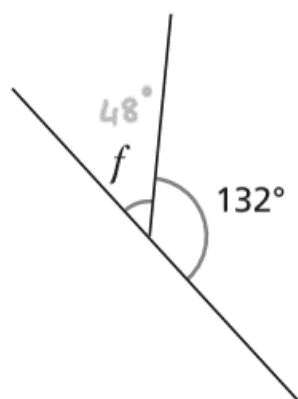
e)



c)



f)

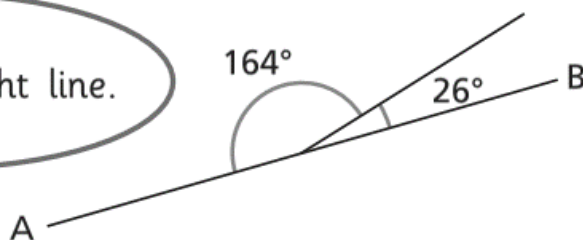


3

Dora draws two angles.



AB is a straight line.

Do you agree with Dora? No

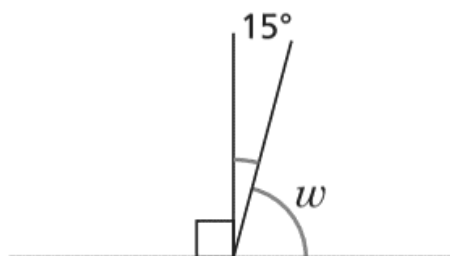
Explain your answer.

4

Work out the size of the unknown angles.

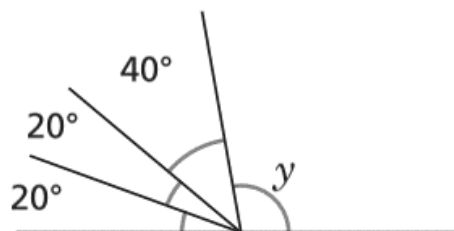
Show the steps in your working.

a)



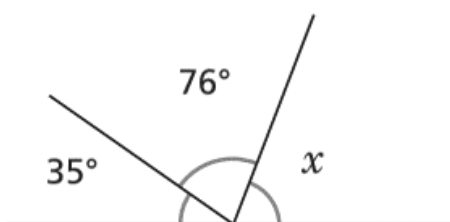
$$w = \boxed{75}^{\circ}$$

c)



$$y = \boxed{100}^{\circ}$$

b)



$$x = \boxed{69}^{\circ}$$

d)

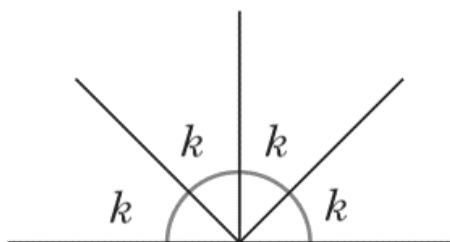


$$z = \boxed{107}^{\circ}$$

5

Work out the sizes of the unknown angles.

a)



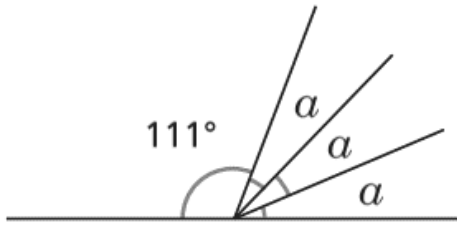
$$k = \boxed{45}^{\circ}$$

b)



$$g = \boxed{30}^{\circ}$$

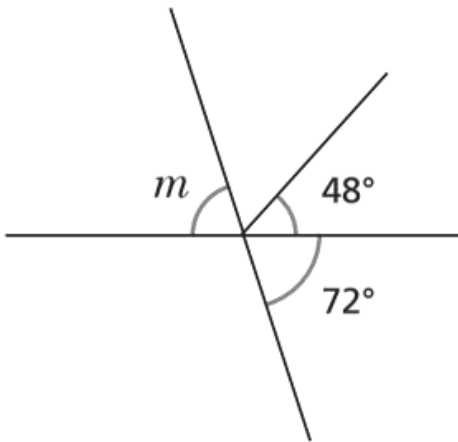
- 6 Work out the size of angle α .



$$\alpha = \boxed{23}^\circ$$

- 7 Work out the size of angle m .

Show all your working out.

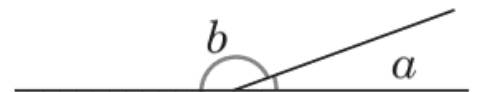


$$m = \boxed{72}^\circ$$

- 8 Two angles are marked.

Angle b is eight times the size of angle a .

What is the size of each angle?



$$a = \boxed{20}^\circ \quad b = \boxed{160}^\circ$$