



Good Morning Year 5

Happy Wednesday! Hope you are all well.  
Let's join Joe Wicks for P.E this morning.

Next up is maths.

Complete the maths activity mat below.

## Year 5 Maths Activity Mat

②

**Section 1**  
In the number 576 213, which digit represents the number of ten thousands?

In the number 923 648, what place value does the digit '3' represent?

**Section 2**  
Calculate the following in your head:

$56 + 67 =$

$48 + 36 =$

$72 - 26 =$

$91 - 67 =$

**Section 3**  
Calculate:

$4.3 \times 100 =$

$5.61 \times 100 =$

$912 + 100 =$

$6002 + 100 =$

**Section 4**  
Use the < or > signs to compare these fractions:

$\frac{2}{3}$		$\frac{4}{6}$
$\frac{1}{4}$		$\frac{3}{16}$
$\frac{17}{20}$		$\frac{4}{5}$

**Section 5**  
In order from smallest to largest, write the following numbers in digits:

four point seven two

four point seven

forty point six nine

<input style="width: 50px; height: 20px;" type="text"/>	<input style="width: 50px; height: 20px;" type="text"/>	<input style="width: 50px; height: 20px;" type="text"/>
smallest		largest

**Section 6**  
Calculate the perimeter of these composite rectilinear shapes.

$=$

$=$

**Section 7**  
Explain why this shape is regular.

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Explain why this shape is irregular.

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**Section 8**  
Here is a table showing the number of boys and girls in each year group.

	Y3	Y4	Y5	Y6	Total
<b>Boys</b>			45		179
<b>Girls</b>	47	37		39	
<b>Total</b>		89	89	87	

Complete the table.

Our next lesson is English.

Today we are going to take a break from serial mash and I would like you to read

through this article on pirates and answer the questions below.

# Pirates

## Reading comprehension

### Is there really such a thing as a modern-day pirate?

You may think pirates are merely the subject matter of myth and legend in the 21st century and they only appear in history books about life centuries ago. Think again! There are examples of modern-day pirates operating around the world and they pose a real, grave threat to sea vessels globally. Pirates may no longer fly Jolly Roger flags and steal chests of treasure, but they are no less dangerous. Their goal is the same as their seafaring ancestors: to intimidate and steal from crew members on passing sea vessels. In the same manner in which they attacked through history; pirates will go to great lengths to steal from their victims. They will resort to assaulting and marooning victims if necessary.



A Golden Age pirate ship

### A human threat in our seas

Modern-day pirates are more common than you may realise: international losses due to piracy cost companies an estimated £10 billion globally every year. This is an increase of 75% in the last decade, which means incidents of piracy are increasing. In 2019, there were 119 piracy incidents worldwide according to The International Chamber of Commerce's International Maritime Bureau (IMB).

### Use of technology

You may wonder what weapons modern-day pirates would use and how they would go about planning an attack. No longer would they rely on cutlasses and muskets; rather, modern-day pirates are armed with firearms like machine guns. These guns are used to instill fear in their victims to gain compliance.

In history, pirates would rely on a cartographer's maps and charts to navigate the seas. Now, pirates can use advanced technology such as GPS tracking systems and night-vision goggles to help them navigate and track other ships at any time of the day, in any part of the world. In some ways, this makes the work of a pirate more targeted and deadly. Modern pirates would still use rocket launchers to target ships from a distance in a similar way to historical pirates.

One of the most fearsome and famed elements of pirate culture has always been the vast array of weapons they brandish and use. Despite the fact modern-day pirates have a great reliance on technology, their weapons are arguably no less scary to other seafarers.

### Attacking from the coastline

Most pirates throughout history lived the majority of their lives on board ships out at sea. This is in contrast to modern-day pirates, who are largely based on land and attack specific sea vessels they have been tracking by using speedboats to travel to their exact location.

If there were issues or fall outs on historical pirate ships, they would maroon members of their own crew. Now, it is more common that pirates would maroon their victims and steal their ships. In some scenarios, modern-day pirates take hostages for ransom.

### Cruise ship attacks

Modern-day pirates usually focus on attacking cargo vessels, but there have been numerous reports of them attacking private yachts and cruise ships. They have been known to steal personal belongings of crew members and passengers, especially on wealthy yachts.

In 2005, a luxury liner Seaborn Spirit was off the coast of Somalia when three boats of heavily-armed pirates appeared and attacked the ship. They used grenades and bullets to intimidate the ship's crew and to try to take possession of the ship. At the time, there were thousands of wealthy passengers on board and they were ordered to gather in the ship's ballroom for their own safety. The quick-thinking crew on board used a loud, piercing sound from a special device to deter the pirates. Thankfully, there were no casualties and the cruise passengers were able to continue on with their holiday.



Luxury liner, Seaborn Spirit

### Where in the world would you still find pirates?

In some areas of the world, piracy is still almost non-existent as the waters and territories are closely monitored and surveyed, while in other parts of the world, it is much more commonplace. The area off the Somali coast (in-between Red Sea and the Indian Ocean) is one of the most notorious places in the world. Other areas where piracy has been reported are South America, the Caribbean, East Africa and in the South China Sea.

## Questions

1. What do you think the term 'pirate' means?

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2. Why do modern-day pirates pose a threat to sea vessels?

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3. According to the text, are the following statements fact or opinion?

Fact

Opinion

*Modern-day pirates are less scary than historical pirates.*

*Pirates are known to assault and maroon people.*

*Modern-day pirates love to use their machine guns.*

4. There were 119 pirate attacks globally in 2019.

True

False

5. What do you think a cartographer does?

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6. Why do you think modern-day pirates use GPS tracking systems?

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7. Tick which type of pirate (or both) would use the following equipment in their daily life on board.

	Historical pirate	Modern-day pirate	Both pirates
Jolly Roger flag	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
machine guns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
intimidation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
cutlasses and muskets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. What is one big difference in how pirates move around now to find their victims compared to how they did in the past?

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9. Why do you think modern-day pirates would attack a cruise ship?

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10. In the paragraph entitled, Where in the world would you still find pirates?, it says:

The area off the Somali coast (in-between Red Sea and the Indian Ocean) is one of the most notorious places in the world.

What do you think the word 'notorious' means?

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Reading

Let's continue reading with Mrs Ewin as she reads chapter 3 on the 'Brightstorm'.

<https://safeYouTube.net/w/KVQM>

The final lesson is art



Today we are going to create optical illusions with Art John. All you need is plain paper, a pencil, a ruler and a coloured pen if you want.

Click on the video link below and enjoy!

<https://safeYouTube.net/w/erRM>

Remember to have time to yourself and to do something you enjoy. Also complete your daily reading.

## Maths answers

**Section 1**  
In the number 576 213, which digit represents the number of ten thousands?

7

In the number 923 648, what place value does the digit '3' represent?

thousands, 3 thousands or 3000

**Section 2**  
Calculate the following in your head:

56 + 67 = 123

48 + 36 = 84

72 - 26 = 46

91 - 67 = 24

**Section 3**  
Calculate:

4.3 x 100 = 430

5.61 x 100 = 561

912 ÷ 100 = 9.12

6002 ÷ 100 = 60.02

**Section 4**  
Use the < or > signs to compare these fractions:

$\frac{2}{3}$	=	$\frac{4}{6}$
$\frac{1}{4}$	>	$\frac{3}{16}$
$\frac{17}{20}$	>	$\frac{4}{5}$

**Section 5**  
In order from smallest to largest, write the following numbers in digits:

four point seven two

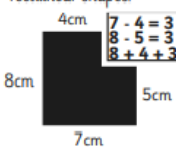
four point seven

forty point six nine

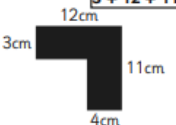
4.7	4.72	40.69
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smallest
largest

**Section 6**  
Calculate the perimeter of these composite rectilinear shapes.




$7 - 4 = 3$   
 $8 - 5 = 3$   
 $8 + 4 + 3 + 3 + 5 + 7 = 30$




$12 - 4 = 8$   
 $11 - 3 = 8$   
 $3 + 12 + 11 + 4 + 8 + 8 = 46$

**Section 7**  
Explain why this shape is regular.



All sides are of equal length and the internal angles are equal.....

Explain why this shape is irregular.



Either of or both the length of the sides and internal angles are not equal.....

**Section 8**  
Here is a table showing the number of boys and girls in each year group.

	Y3	Y4	Y5	Y6	Total
<b>Boys</b>	34	52	45	48	179
<b>Girls</b>	47	37	44	39	167
<b>Total</b>	81	89	89	87	346

Complete the table.

## English answers

## Answers

### 1. What do you think the term 'pirate' means?

A pirate is someone who steals from others at sea/ attacks others' ships looking for valuable goods.

### 2. Why do modern-day pirates pose a threat to sea vessels?

They will use machine guns and other weapons to try to overpower them and steal whatever they have on board.

### 3. According to the text, are the following statements fact or opinion?

	Fact	Opinion
Modern-day pirates are less scary than historical pirates.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pirates are known to assault and maroon people.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Modern-day pirates love to use their machine guns.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### 4. There were 119 pirate attacks globally in 2019.

True	False
<input checked="" type="checkbox"/>	<input type="checkbox"/>

### 5. What do you think a cartographer does?

designs charts and maps

### 6. Why do you think modern-day pirates use GPS tracking systems?

A GPS tracking system will help them to pinpoint ships more effectively, so they will know their exact location and can attack them more quickly.



7. Tick which type of pirate (or both) would use the following equipment in their daily life on board.

	Historical pirate	Modern-day pirate	Both pirates
Jolly Roger flag	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
machine guns	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
intimidation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
cutlasses and muskets	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. What is one big difference in how pirates move around now to find their victims compared to how they did in the past?

Pirates throughout history lived the majority of their lives on board ships at sea. Modern-day pirates are largely based on land and attack other sea vessels by using speedboats. Modern-day pirates use GPS tracking systems, but they did not exist for pirates throughout history.

9. Why do you think modern-day pirates would attack a cruise ship?

They are 'luxury liners' meaning they are expensive ships, which would attract rich customers wanting a luxury holiday on board. Pirates would like to steal the valuable goods from the passengers and also from any shops on board the cruise ship.

10. In the paragraph entitled, Where in the world would you still find pirates?, it says:

The area off the Somali coast (in-between Red Sea and the Indian Ocean) is one of the most notorious places in the world.

What do you think the word 'notorious' means?

famous or well known, typically for a bad quality

Also accept:

Well known, infamous, legendary, famous, ill-famed