



Answer Sheet

Paper Name: Maths-Estimating and Rounding

Paper ID: CUSTOM-MA-E15CBC248B

Full Name:



**YOU MUST ANSWER ON THIS SHEET. TAKE A PICTURE USING THE EXAM HAPPY APP
AFTERWARDS TO MARK YOUR WORK.**

How to answer:



A



B



C



D



E

How not to answer:



A



B



C



D



E

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1					
	A	B	C	D	E
2					
	A	B	C	D	E
3					
	A	B	C	D	E
4					
	A	B	C	D	E
5					
	A	B	C	D	E
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	A	B	C	D	E
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	A	B	C	D	E
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	A	B	C	D	E
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	A	B	C	D	E
18					
	A	B	C	D	E
19					
	A	B	C	D	E
20					
	A	B	C	D	E

1. What is 4089.576 rounded to the nearest whole number?

- A** 4089 **B** 4089.57 **C** 4089.5 **D** 4100 **E** 4090

2. What is 5348 rounded to the nearest 100?

- A** 5300 **B** 5350 **C** 5000 **D** 5400 **E** 6000

3. A whole number has been rounded to the nearest 10 to give 290.

What is the largest possible number that this could be?

- A** 297 **B** 299 **C** 295 **D** 294 **E** 290

4. I am less than 4.5.
When rounded to the nearest tenth, I become 4.4.
I am bigger than 4.2.

Who am I?

- A** 4.51 **B** 4.34 **C** 3.31 **D** 4.37 **E** 4.45

5. Using estimation, what is the value of $(33 \times 47 + 101) \div 21$ to the nearest whole number?

- A** 86 **B** 61 **C** 92 **D** 79 **E** 95

6. The weight of an elephant is 4,892 kg.

What is this to the nearest ten kg?

- A** 4,990 kg **B** 4,890 kg **C** 4,900 kg **D** 4,820 kg **E** 4,892 kg

7. Henry rounds a number to 2 decimal places and gets the answer 2.72.

Which of the following options could have been Henry's original number?

- A** 2.7119 **B** 2.727 **C** 2.7265 **D** 2.7226 **E** 2.7148

8. What is the value of 7.888 rounded to the nearest hundredth?

- A** 7.88 **B** 7.89 **C** 7.90 **D** 7.99 **E** 8.00

9. What is 101.4215 rounded to 1 decimal point?

- A** 101.4 **B** 101 **C** 100 **D** 101.42 **E** 102

10. What is 6,514 grams rounded to the nearest kilogram?

- A** 6.5 kg **B** 65 kg **C** 7 kg **D** 70 kg **E** 6 kg

11. Round 0.0151 to the nearest hundredth.

- A** 0.015 **B** 0.016 **C** 0.020 **D** 0.200 **E** 0.150

12. Perry thinks of a number. Interestingly, the answer is always the same whether he rounds the number to the nearest 10, nearest 75, or nearest 100.

Which of the following could be Perry's number?

- A** 245 **B** 296 **C** 372 **D** 521 **E** 132

- 13.** Which of the following options is the best estimate for the below?

$$(2.32 + 1.74) \times 9.67$$

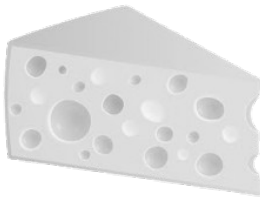
A 20 B 10 C 30 D 40 E 45

- 14.** Round 8,911 to the nearest 20.

A 8,910 B 8,900 C 8,920 D 9,920 E 9,000

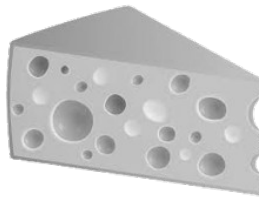
- 15.** Cheddar is stronger or weaker depending on how long it is left to mature.

Mild



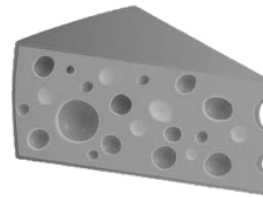
75 days

Moderate



164 days

Strong



288 days

Approximately how long in weeks does it take to make moderate strength cheddar?

A 24 weeks B 25 weeks C 33 weeks D 23 weeks E 32 weeks

- 16.** Which one of the numbers below has been rounded to the nearest hundredth?

A 1421.1 B 503 C 803.21 D 45.043 E 67.0698

- 17.** Dinosh thinks of a number and rounds it to the nearest 10 to get an answer of 20.
Chloe thinks of a number and rounds it to the nearest 10 to get an answer of 10.
Dinosh and Chloe then multiply their original numbers.

What is the lowest possible answer that they could get?

A 100 **B** 50 **C** 250 **D** 200 **E** 75

- 18.** **What is 64.16 mm rounded to the nearest cm?**

A 60 cm **B** 64 cm **C** 6 cm **D** 6.1 cm **E** 7 cm

- 19.** A rocket leaves earth at an average speed of 42,000 km per hour.

Giving your answer to the nearest thousand kilometres, how much does it cover in 45 minutes ?

A 31,500 km
B 33,000 km
C 32,000 km
D 35,500 km
E 36,000 km

20. Goliath can throw a ball 50.0 m to the nearest tenth of a metre.

Between what limits is the actual distance he can throw a ball?

- A** 45 m – 54 m
- B** 45 m – 55 m
- C** 49.95 m – 50.05 m
- D** 49.5 m – 50.5 m
- E** 49.5 m – 50.4 m