

Round to the Nearest Whole Number



1)

a) Label 2.7 on the number line.



b) Is it closer to 2 or 3?

2)

a) Label 8.3 on the number line.



b) Is it closer to 8 or 9?

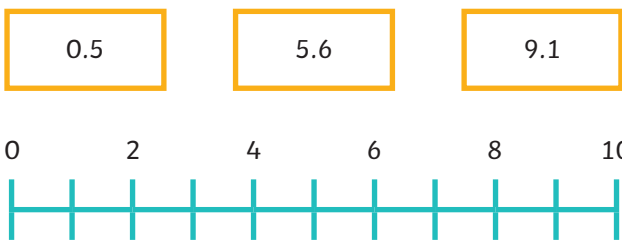
3) Complete the number line and sentences.



a) 5.4 is ___ when rounded to the nearest whole number.

b) 5.8 is ___ when rounded to the nearest whole number.

4) Draw lines to estimate where the numbers on the cards will be positioned on the number line.



a) 0.5 is ___ when rounded to the nearest integer.

b) 5.6 is ___ when rounded to the nearest integer.

c) 9.1 is ___ when rounded to the nearest integer.

5) Round the numbers to the nearest whole number.

a) 20.6

b) 15.4

c) 32.7



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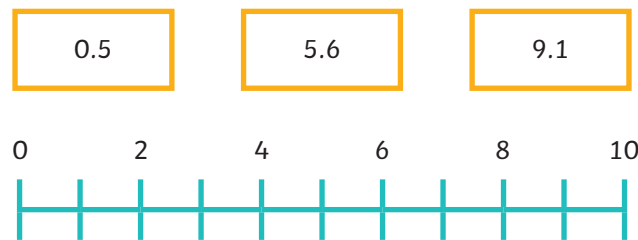
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Round to the Nearest Whole Number



- 1) Felix, Emily and Elena are finding numbers with one decimal place that round to 35 when rounding to the nearest whole number. Who do you agree with? Explain your reasoning.



Felix

34.6 could be the number.



Emily

35.7 could be the number.



Elena

35.4 could be the number.

- 2) Hari is rounding 26.6 to the nearest integer. Explain the mistake that he has made.



Hari

26.6 rounded to the nearest integer is 30.

- 3) When a number with one decimal place is rounded to the nearest whole number, it rounds to 13.



Jia

The number will not have a 5 as the tenth digit.

Explain why Jia is incorrect and give an example to prove this.

- 4) A number with one decimal place is rounded to 28. What is the smallest number it could be? Explain how you know.



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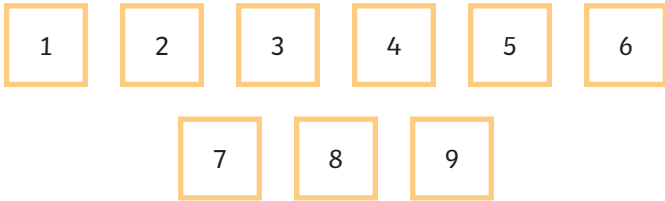
1) What number could Drew be thinking of?



Drew

I am thinking of a number with 1 decimal place.
The tenths digit is an even number.
When rounded to the nearest whole number, my number is 10.
The sum of the digits is 15.

2) Use the digit cards to complete the number statements. Each digit card can only be used once in all three sentences. Find two different possibilities.



. rounded to the nearest whole number is 5.

. rounded to the nearest whole number is 6.

. rounded to the nearest whole number is 7.

3) Here are the results of how far a group of children could hit a ball.

| Name | Elena | Hari | Jia | Emily | Joseph |
|----------|-------|------|------|-------|--------|
| Distance | 9.6m | 6.3m | 8.8m | 4.5m | |

When the rounded distances are added together, the total distance thrown is 37m. Write all the possible distances that Joseph could have thrown.



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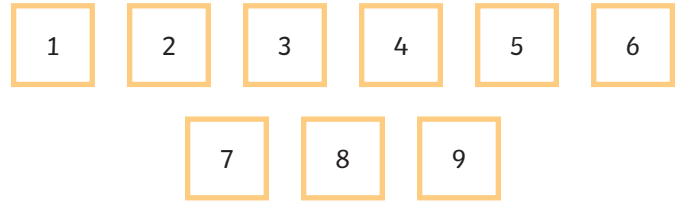
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