

Mathematics

Decimals

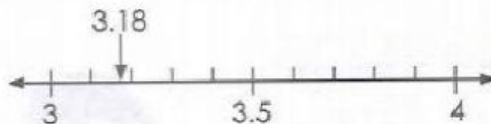
Tuesday

Rounding decimals to 1 decimal place

Let's Learn

- a) i) Round 3.18 meters to the nearest meter.

Picture
It



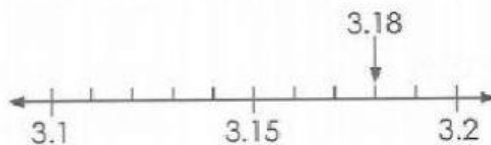
3.18 is less than halfway
between 3 and 4.

$$3.18 \approx 3$$

3.18 meters is 3 meters when rounded to the nearest meter.



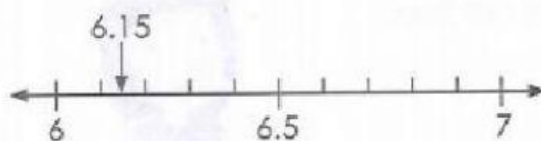
- ii) Round 3.18 meters to 1 decimal place.



$$3.18 \approx 3.2$$

3.18 meters is 3.2 meters when rounded to 1 decimal place.

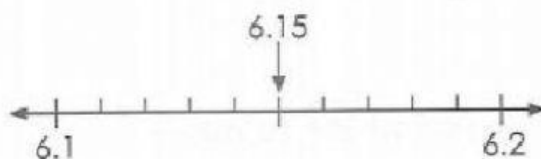
- b) i) Round 6.15 to the nearest whole number.



$$6.15 \approx 6$$

6.15 is 6 when rounded to the nearest whole number.

- ii) Round 6.15 to 1 decimal place.

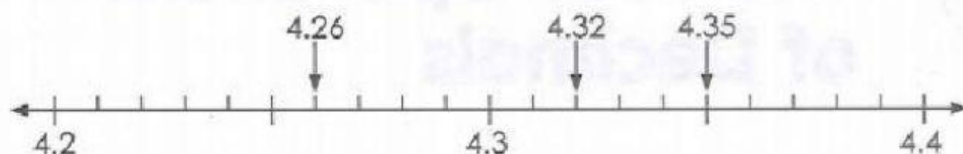


$$6.15 \approx 6.2$$

6.15 is 6.2 when rounded to 1 decimal place.

Let's Do

1. Round each decimal to 1 decimal place.



a) $4.26 \approx$ _____ b) $4.32 \approx$ _____ c) $4.35 \approx$ _____

2. Round each decimal to 1 decimal place.

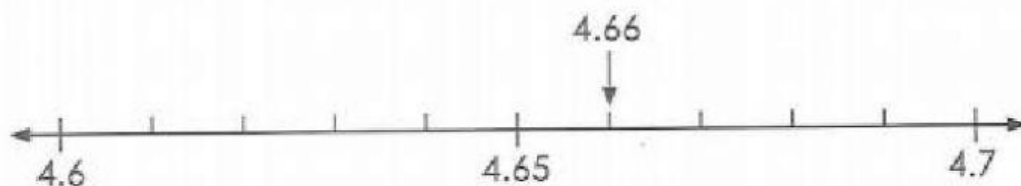
a) $0.91 \approx$ _____ b) $2.45 \approx$ _____ c) $7.08 \approx$ _____
d) $24.55 \approx$ _____ e) $18.01 \approx$ _____ f) $10.96 \approx$ _____

Chapter 9: Exercise 19

Exercise 19 Rounding

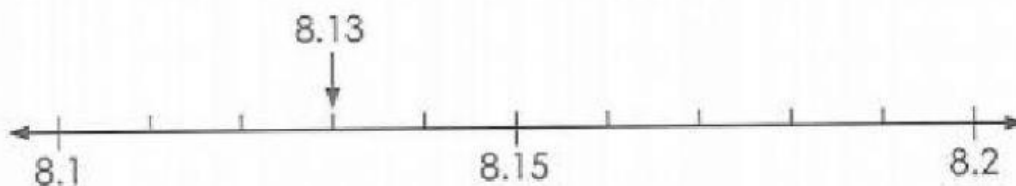
1. Round each decimal to 1 decimal place.

a)



$4.66 \approx$ _____

b)



$8.13 \approx$ _____

2. Fill in the blanks.

- a) The capacity of a teapot is 1.45 liters.
Round the capacity to 1 decimal place. _____ L
- b) A parcel has a mass of 20.25 kilograms.
Round the mass to 1 decimal place. _____ kg
- c) A string is 9.08 meters long.
Round the length to 1 decimal place. _____ m



Do on a page

Round 7.04 to 1 decimal place.



Yen

$$7.04 \approx 7$$



Sam

$$7.04 \approx 7.0$$

Who is correct? Explain why.

Practice 4

Do on a page

1. Round each decimal to the nearest whole number.

- | | | | |
|---------|---------|----------|----------|
| a) 3.2 | b) 0.99 | c) 12.8 | d) 10.09 |
| e) 3.95 | f) 4.55 | g) 10.28 | h) 19.51 |

2. Round each decimal to 1 decimal place.

- | | | | |
|----------|----------|----------|----------|
| a) 0.82 | b) 0.09 | c) 2.65 | d) 8.07 |
| e) 10.89 | f) 19.07 | g) 20.55 | h) 10.04 |

