

Rounding Decimals

Which whole number is each number nearer? Round it.

1.

Example



3.7 rounds to 4

2.



6.2 rounds to _____

3.



1.8 rounds to _____

4.



8.5 rounds to _____

5.



4.1 rounds to _____

6.



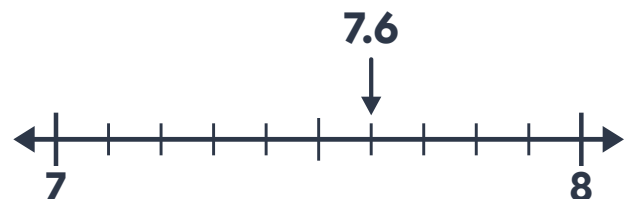
9.5 rounds to _____

7.



2.3 rounds to _____

8.



7.6 rounds to _____

Rounding Decimals

Round each number to the nearest whole number.

1. **7.1** → 7 11. **18.4** → _____ 21. **10.8** → _____

2. **19.1** → _____ 12. **4.4** → _____ 22. **54.4** → _____

3. **12.7** → _____ 13. **70.8** → _____ 23. **36.5** → _____

4. **7.9** → _____ 14. **78.5** → _____ 24. **35.7** → _____

5. **5.6** → _____ 15. **50.4** → _____ 25. **80.8** → _____

6. **0.5** → _____ 16. **55.5** → _____ 26. **96.7** → _____

7. **8.7** → _____ 17. **86.3** → _____ 27. **32.1** → _____

8. **5.5** → _____ 18. **14.2** → _____ 28. **55.3** → _____

9. **10.1** → _____ 19. **95.8** → _____ 29. **58.8** → _____

10. **17.3** → _____ 20. **75.2** → _____ 30. **98.5** → _____

Rounding Decimals

Round each measure to the nearest whole unit.

1. A puppy has a mass of 4.7 kg.

Example

Nearest kilogram: 5 kg

2. A rope is 12.8 m long.

Nearest metre: _____ m

3. A watering can holds 6.5 litres.

Nearest litre: _____ litres

4. Ella cycled 21.4 km on Saturday.

Nearest kilometre: _____ km

5. A pencil is 13.2 cm long.

Nearest centimetre: _____ cm

6. At noon the temperature was 17.6°C.

Nearest degree: _____ °C

7. A bag of potatoes weighs 2.5 kg.

Nearest kilogram: _____ kg

8. The school hall is 30.9 m long.

Nearest metre: _____ m

Rounding Decimals

Circle every number that rounds to the whole number given.

1. Round to 8: Example

7.4

8.1

8.6

7.9

8.5

7.2

8.3

6.9

2. Round to 3:

2.9

3.6

2.5

3.4

2.1

3.1

3.8

2.4

3. Round to 15:

15.2

14.6

15.5

14.9

14.1

15.8

14.5

15.4

4. Round to 20:

19.6

20.3

20.5

18.9

20.8

19.2

19.4

20.1

5. Round to 41:

40.9

41.6

40.4

41.3

41.8

40.7

39.5

41.1

The smallest and largest number with one decimal place that rounds to:

6. 6 smallest _____

largest _____

7. 12 smallest _____

largest _____

8. 30 smallest _____

largest _____

Rounding Decimals

Round each number to the nearest whole number, then estimate.

1. **3.8 + 5.1** is about 4 + 5 = 9 Example

2. **6.3 + 2.7** is about _____ + _____ = _____

3. **9.4 - 3.2** is about _____ - _____ = _____

4. **7.5 + 4.8** is about _____ + _____ = _____

5. **12.6 - 4.3** is about _____ - _____ = _____

6. **20.7 + 6.9** is about _____ + _____ = _____

7. Sam ran **2.8** km on Monday and **3.4** km on Tuesday. About how far did Sam run altogether?

About _____ km

8. A jug holds **4.2** litres of juice. Priya pours out **1.9** litres. About how much juice is left?

About _____ litres

9. A parcel weighs **6.7** kg and a box weighs **2.6** kg. About how much do they weigh together?

About _____ kg

Rounding Decimals

Which whole number is each number nearer? Round it.

1.

Example



3.7 rounds to 4

2.



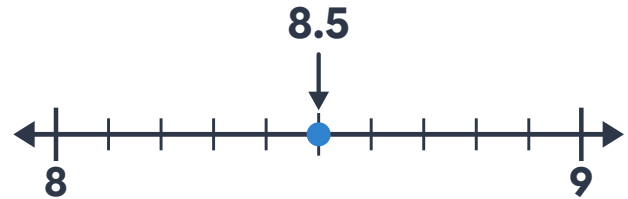
6.2 rounds to 6

3.



1.8 rounds to 2

4.



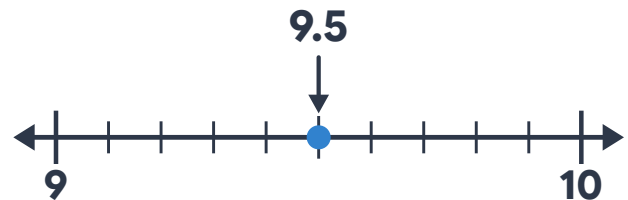
8.5 rounds to 9

5.



4.1 rounds to 4

6.



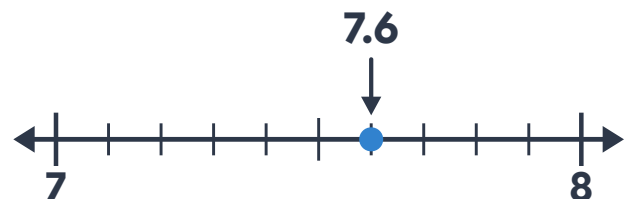
9.5 rounds to 10

7.



2.3 rounds to 2

8.



7.6 rounds to 8

Rounding Decimals

Round each number to the nearest whole number.

- | | | | | | |
|-----|--------------------------------|-----|--------------------------------|-----|--------------------------------|
| 1. | 7.1 → <u>7</u> | 11. | 18.4 → <u>18</u> | 21. | 10.8 → <u>11</u> |
| 2. | 19.1 → <u>19</u> | 12. | 4.4 → <u>4</u> | 22. | 54.4 → <u>54</u> |
| 3. | 12.7 → <u>13</u> | 13. | 70.8 → <u>71</u> | 23. | 36.5 → <u>37</u> |
| 4. | 7.9 → <u>8</u> | 14. | 78.5 → <u>79</u> | 24. | 35.7 → <u>36</u> |
| 5. | 5.6 → <u>6</u> | 15. | 50.4 → <u>50</u> | 25. | 80.8 → <u>81</u> |
| 6. | 0.5 → <u>1</u> | 16. | 55.5 → <u>56</u> | 26. | 96.7 → <u>97</u> |
| 7. | 8.7 → <u>9</u> | 17. | 86.3 → <u>86</u> | 27. | 32.1 → <u>32</u> |
| 8. | 5.5 → <u>6</u> | 18. | 14.2 → <u>14</u> | 28. | 55.3 → <u>55</u> |
| 9. | 10.1 → <u>10</u> | 19. | 95.8 → <u>96</u> | 29. | 58.8 → <u>59</u> |
| 10. | 17.3 → <u>17</u> | 20. | 75.2 → <u>75</u> | 30. | 98.5 → <u>99</u> |

Rounding Decimals

Round each measure to the nearest whole unit.

1. A puppy has a mass of 4.7 kg.

Example

Nearest kilogram: 5 kg

2. A rope is 12.8 m long.

Nearest metre: 13 m

3. A watering can holds 6.5 litres.

Nearest litre: 7 litres

4. Ella cycled 21.4 km on Saturday.

Nearest kilometre: 21 km

5. A pencil is 13.2 cm long.

Nearest centimetre: 13 cm

6. At noon the temperature was 17.6°C.

Nearest degree: 18 °C

7. A bag of potatoes weighs 2.5 kg.

Nearest kilogram: 3 kg

8. The school hall is 30.9 m long.

Nearest metre: 31 m

Rounding Decimals

Circle every number that rounds to the whole number given.

1. Round to 8: Example

7.4

8.1

8.6

7.9

8.5

7.2

8.3

6.9

2. Round to 3:

2.9

3.6

2.53.4

2.1

3.1

3.8

2.4

3. Round to 15:

15.214.6

15.5

14.9

14.1

15.8

14.515.4

4. Round to 20:

19.620.3

20.5

18.9

20.8

19.2

19.4

20.1

5. Round to 41:

40.9

41.6

40.4

41.3

41.8

40.7

39.5

41.1

The smallest and largest number with one decimal place that rounds to:

6. 6 smallest 5.5

largest 6.4

7. 12 smallest 11.5

largest 12.4

8. 30 smallest 29.5

largest 30.4

Rounding Decimals

Round each number to the nearest whole number, then estimate.

1. $3.8 + 5.1$ is about 4 + 5 = 9 Example

2. $6.3 + 2.7$ is about 6 + 3 = 9

3. $9.4 - 3.2$ is about 9 - 3 = 6

4. $7.5 + 4.8$ is about 8 + 5 = 13

5. $12.6 - 4.3$ is about 13 - 4 = 9

6. $20.7 + 6.9$ is about 21 + 7 = 28

7. Sam ran 2.8 km on Monday and 3.4 km on Tuesday. About how far did Sam run altogether?

About 6 km

8. A jug holds 4.2 litres of juice. Priya pours out 1.9 litres. About how much juice is left?

About 2 litres

9. A parcel weighs 6.7 kg and a box weighs 2.6 kg. About how much do they weigh together?

About 10 kg