

Arithmetic

1. $6 \times 9 \times 3$

2. $\frac{3}{7}$ of 56

3. $9.8 - 2.7$

4. $1,536 \div 6$

Practice: Rounding Decimals

5. Recap: Explain how to round decimals to the nearest whole number or tenth.



6. Round to the nearest whole number.

a. 3.2

b. 4.7

c. 6.5

7. Round to the nearest whole number.

a. 0.87

b. 9.55

c. 2.39

8. Round to the nearest whole number.

a. 1.284

b. 5.099

c. 7.501

9. Round to the nearest tenth.

a. 8.98

b. 2.05

c. 5.45

10. When rounding to the nearest tenth, 7.21 is rounded to 7.2 or 7.3.



Explain your answer.

11. Round to the nearest tenth.

a. 7.395

b. 3.018

c. 4.909

12. Round to the nearest tenth and whole number.

a. 5.55

b. 9.99

c. 3.582

13. Sumaya has rounded 8.85 to the nearest whole number. Her answer is 9.05. Explain her mistake.



Challenge

14. Round 7.99 to the nearest tenth and nearest whole number.

What do you notice?

Write two more numbers that follow the pattern.

You might want
to talk to an adult

Spot the mistake

Answers

Q no.	Question	Answer
1	$6 \times 9 \times 3$	162
2	$\frac{3}{7}$ of 56	24
3	$9.8 - 2.7$	7.1
4	$1,536 \div 6$	256
5	Explain how to round decimals to the nearest whole number or tenth.	When rounding to the nearest whole number, look at the digit in the tenths column. If the digit is between 0 and 4, the ones stay the same. If the digit is between 5 and 9, the ones increase by one. The answer should be written without decimals. When rounding to the nearest tenth, look at the digit in the hundredths column. If the digit is between 0 and 4, the tenths stay the same. If the digit is between 5 and 9, the tenths increase by one. The answer should be written without hundredths.
6	Round to the nearest whole number.	a. 3, b. 5, c. 7
7	Round to the nearest whole number.	a. 1, b. 10, c. 2
8	Round to the nearest whole number.	a. 1, b. 5, c. 8
9	Round to the nearest tenth.	a. 9.0 or 9, b. 2.1, c. 5.5
10	When rounding to the nearest tenth, 7.21 is rounded to 7.2 or 7.3. Explain your answer.	When rounded to the nearest tenth, 7.21 is rounded to 7.2. This is because the one in the hundredths column indicates to round down.
11	Round to the nearest tenth.	a. 7.4, b. 3.0 or 3, c. 4.9
12	Round to the nearest tenth and whole number.	a. 5.6 and 6, b. 10.0 and 10, c. 3.6 and 4
13	Sumaya has rounded 8.85 to the nearest whole number. Her answer is 9.05. Explain her mistake.	Sumaya has not understood that when rounding to the nearest whole number, the decimals are not included in the answer. The correct answer is 9.
14	Round 7.99 to the nearest tenth and nearest whole number. What do you notice? Write two more numbers that follow the pattern.	7.99 rounded to the nearest tenth is 8. 7.99 rounded to the nearest whole number is 8. The pattern is that both times the number rounds to 8. Accept other number where rounding to the nearest tenth or nearest whole number, the answer is the same.