

Decimals, percentages and money

Calculate with decimals and use percentage equivalents.

Name: _____ Date: _____

1. Calculate $3.75 + 0.86$.

2. Calculate $6.2 - 1.875$.

3. Calculate 0.48×7 .

4. Calculate 8.4 divided by 6.

5. Find 15% of 240.

6. A coat costs 60 pounds. The price drops by 20%. What is the new price?

7. Write $\frac{3}{8}$ as a decimal and percentage.

8. Round 7.486 to two decimal places.

Answers: Decimals, percentages and money

Try the questions first. Use these notes to check your thinking.

1. **4.61**

Line up the decimal points.

2. **4.325**

Write 6.200 before subtracting.

3. **3.36**

48 hundredths $\times 7 = 336$ hundredths.

4. **1.4**

84 tenths divided by 6 = 14 tenths.

5. **36**

10% is 24 and 5% is 12.

6. **48 pounds**

20% of 60 is 12; subtract 12.

7. **0.375 and 37.5%**

3 divided by 8 is 0.375; multiply by 100 for per cent.

8. **7.49**

The third decimal digit is 6, so increase the hundredths digit.

Original Trace Learn questions. Curriculum scope: maths programmes of study, Department for Education.
[tracelearn.app/worksheets/year-6-decimals/](https://www.tracelearn.app/worksheets/year-6-decimals/)

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