



# Percentage Of A Given

Mana Maths

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# Te reo Māori terms



**ōrau**

percentage

Open in Te Aka

**rahinga**

quantity

Open in Te Aka

**itareti**

interest

Open in Te Aka

**tau ā-ira**

decimal

Open in Te Aka

# Foundation

**1.** Find 50% of 18.

**2.** Find 25% of 20.

**3.** Find 10% of 70.

**4.** Find 50% of 42.

**5.** Find 25% of 36.

**6.** Find 10% of 95.

**7.** Find 75% of 20.

**8.** Find 50% of 64.

**9.** Find 25% of 80.

**10.** Find 10% of 130.

**11.** Find 5% of 60.

**12.** Find 20% of 45.

**13.** A class has 30 students.  
Find 50% of the class.

**14.** A bag has 40 lollies.  
Find 25% of the lollies.

**15.** A runner completes 90  
minutes of training. Find  
10% of the time.

**16.** Which is greater: 50% of 14 or 25% of 28?

**17.** Fill in the blank: 10% of 250 is .

**18.** Fill in the blank: 25% of 12 is .

# Proficient

**1.** Find 15% of 80.

**2.** Find 30% of 50.

**3.** Find 40% of 65.

**4.** Find 12% of 200.

**5.** Find 35% of 40.

**6.** Find 60% of 85.

**7.** Find 5% of 240.

**8.** Find 22% of 150.

**9.** Find 18% of 50.

**10.** Find 45% of 120.

**11.** Find 125% of 40.

**12.** Find 2% of 350.

**13.** A jacket costs \$80. Find 15% of the price.

**14.** A team scored 50 points. Find 30% of the points.

**15.** Fill in the blank: 5% of 360 is .

**16.** Fill in the blank: 40% of 90 is .

**17.** Are 20% of 45 and 10% of 90 equal?

**18.** Explain in one short sentence how 1% can help you find 17% of a number.

# Excellence

- 1.** A student says 15% of 80 is 6. Are they correct? Explain.
- 2.** A student says 125% of 40 must be less than 40. Are they correct? Explain.
- 3.** Find 17% of 300.
- 4.** Find 32% of 125.
- 5.** Find 7.5% of 80.
- 6.** Find 2.5% of 360.
- 7.** Find 110% of 45.
- 8.** Find 62.5% of 48.
- 9.** A phone costs \$240. Find 12.5% of the price.
- 10.** A tank holds 320 L. Find 7.5% of its capacity.
- 11.** A test has 80 marks. Mere gets 65% of the marks. How many marks is that?
- 12.** A crowd of 240 people attend a game. If 35% wear black, how many people is that?

**13.** Fill in the blank: 12% of 250 is  $\square$ .

**14.** Fill in the blank: 62.5% of 16 is  $\square$ .

**15.** Which is greater: 35% of 120 or 42% of 100? Show enough working to justify.

**16.** Which is smaller: 12.5% of 64 or 20% of 40? Explain.

**17.** A \$150 bike helmet is discounted by 20%. How many dollars is 20%?

**18.** Explain why 150% of a quantity is greater than the whole quantity.