



# Forming Fractions

Mana Maths

---

## Te reo Māori terms



**hautau**

fraction

Open in Te Aka

**tauoti**

whole number

Open in Te Aka

**taurunga**

numerator

Open in Te Aka

**tauraro**

denominator

Open in Te Aka

# Foundation

1. 3 out of 8.

2. 4 out of 10.

3. 7 out of 20.

4. 5 out of 12.

5. 2 out of 6.

6. 1 out of 9.

7. 6 out of 15.

8. 8 out of 14.

9. 3 out of 11.

10. 9 out of 16.

11. 2 out of 5.

12. 4 out of 13.

13. 11 out of 20.

14. 7 out of 12.

15. 5 out of 18.

**16.** 10 out of 21.

**17.** 6 out of 17.

**18.** 12 out of 25.

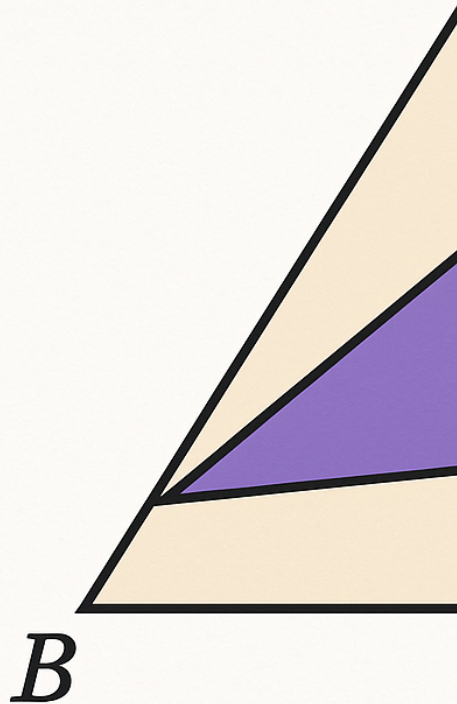
**19.** 8 out of 19.

**20.** 9 out of 22.

**21.**

Identify the shaded fraction shown in the diagram (write as a fraction in lowest terms).

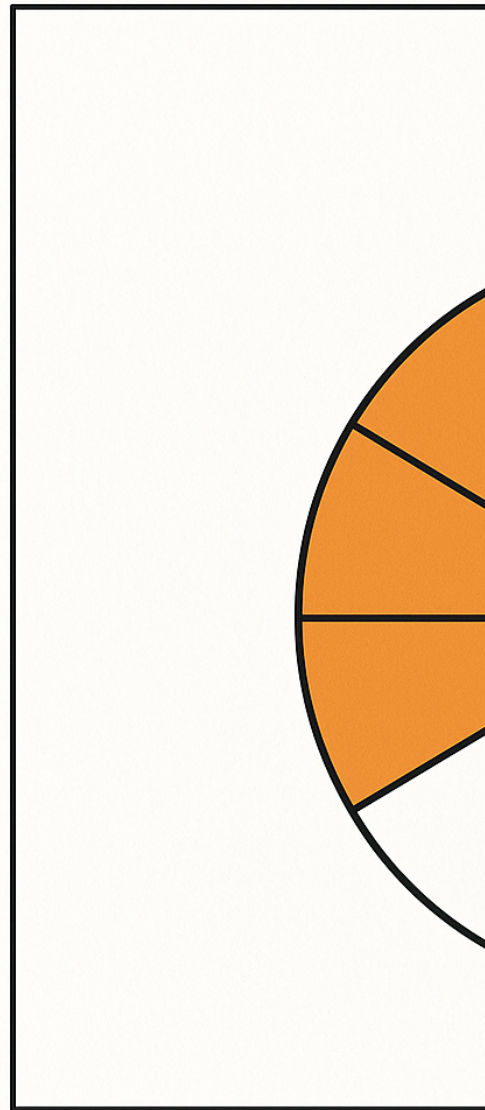




22.

Identify the shaded fraction of the triangle shown (write as a fraction in lowest terms).

23.



24.

What fraction of the whole is shaded? Write your answer in lowest terms.



Which fraction of the rectangle is shaded? Give your answer in lowest terms.

# Proficient

1. 5 of 12 shaded.
2. 9 of 36 away.
3. 7 of 20 spins.
4. 17 of 48 faulty.
5. 18 of 25 full.
6. 13 of 32 prefer cats.
7. 19 of 27 covered.
8. 16 of 45 bikes.
9. 7 of 18 used.
10. 23 of 50 coloured.
11. 11 of 29 shoes.
12. 21 of 34 taken.

**13.** 14 of 40 planted.      **14.** 15 of 22 packed.      **15.** 27 of 60 completed.      **16.** 8 of 21 missing.

**17.** 31 of 80 saved.      **18.** 9 of 14 chosen.      **19.** 6 of 17 packed.      **20.** 22 of 55 stacked.

**21.** 14 of 33 painted.      **22.** 5 of 16 cracked.      **23.** 18 of 44 sent.      **24.** 7 of 24 peeled.

# Excellence

1. 2 days of 1 week.
2. 40p of £2.
3. 5 min of 1 hour.
4. 300g of 2kg.
5. 8 red, 12 blue, red?
6. 5 cats, 7 dogs, cats?
7. 9 boys, 11 girls, boys?
8. 12 total, 5 used, fraction left?
9. 20 total, 8 gone, fraction remaining?
10. 30 students, 18 present, fraction present?
11. 40 tickets, 25 sold, fraction sold?
12. 50 marbles, 20 blue, fraction blue?

**13.**  $3/8 = 5/10$  correct?

**14.**  $6/12 = 1/3$  correct?

**15.**  $4/9 = 8/18$  correct?

**16.**  $10/20 = 2/5$  correct?

**17.** 21 total, 8 broken, fraction not broken?

**18.** 36 books, 15 borrowed, fraction borrowed?

**19.** 14 pens, 5 lost, fraction remaining?

**20.** 45 cards, 18 chosen, fraction chosen?

**21.**  $2/6 = 1/3$  correct?

**22.**  $5/12 = 10/24$  correct?

**23.** 24 seats, 9 empty, fraction empty?

**24.** 15 total, 6 eaten, fraction not eaten?