

NAPLAN Questions

Exercise 1.12

- 1 What is exactly halfway between $\frac{1}{3}$ and $\frac{2}{3}$? 
- 2 What is exactly halfway between $\frac{1}{4}$ and $\frac{3}{4}$?
- 3 One-quarter of the class were involved in the school play. How many students are in the class if 5 students were involved in the school play?
- 4 75% of the 800 tickets cost less than \$50. How many tickets cost less than \$50?
- 5 Two-thirds of 4863 people at the festival wore a hat of some kind. How many people wore a hat?
- 6 The binoculars, priced at \$50, are to be reduced by 20%.
What is then the price of the binoculars?


- 7 Put the following fractions in order from smallest to largest:
 $\frac{1}{2}, \frac{3}{5}, \frac{1}{3}, \frac{2}{3}, \frac{3}{4}$
- 8 What is \$20 as a fraction of \$50? 
- 9 15 of the 45 students have brown eyes. What fraction of the students have brown eyes?
- 10 Which is the best estimate of the total: \$4521 + \$5289 + \$2867?
a) \$10 000 b) \$11 000 c) \$12 000
- 11 The basket contains 12 hen eggs and 18 bantam eggs. What fraction of the eggs are hen eggs.
- 12 $\frac{3}{5}$ of the concrete is gravel, $\frac{1}{5}$ of the concrete mix is sand, and the rest is cement. What fraction of the concrete is cement?
- 13 Jack contributed half, Olivia contributed one-tenth, and Ella contributed the rest. How much did Ella contribute?
- 14 Write $\frac{23}{25}$ as a percentage.
- 15 The pizza is cut into 12 equal slices. How many slices are left after two-thirds of the pizza is eaten?
- 16 The painting contract returned \$20 000. Labour and materials cost 50% and 30% of the remainder was paid in tax. How much was left?