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Year 5

NAPLAN*-style NUMERACY

Workbook and Tests

Build addition, subtraction, multiplication and division skills

Understand the properties of shapes and measurement

Apply mathematical thinking to solve problems

- Build skills with beginner, medium and advanced levels
- Levelled practice exercises based on the Australian Curriculum
- Answers for all exercises and tests

4 NAPLAN-style practice tests

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Beginner Number and Algebra

Addition

Write the answers to the following questions.

1. 5 + 9 + 6 = ☐

2. 8 + 9 + 2 = ☐

3. 10 + 6 + 11 = ☐

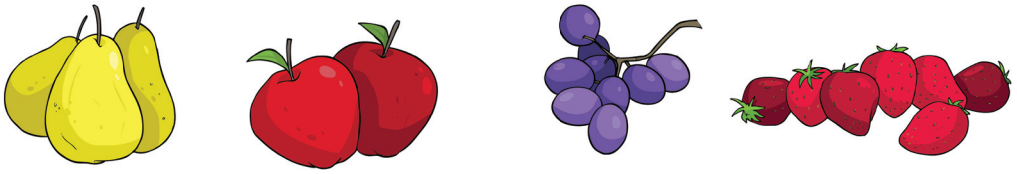
4. 44 + 25 = ☐

5. 36 + 51 = ☐

6. 168 + 130 = ☐

7. 245 + 177 = ☐

Amelia ate 3 pears, 2 apples, 9 grapes and 7 strawberries.



How many pieces of fruit did she eat in total? ☐

The cricket players scored 12, 26, 14, 55 and 101 in their innings.

What is the total of the scores of these players? ☐ runs

What is the total?

double 6 + double 6 + double 6 = ☐

Movie Fun

354 people went to the movies on Tuesday night, 469 went to the movies on Friday night and 768 people went to the movies on Saturday night.

What is the total number of people who went to the movies? ☐

Subtraction

Write the answers to these questions.

1. 20 – 12 = ☐

2. 62 – 31= ☐

3. 143 – 137 = ☐

4. 54 – 12 = ☐

5. 63 – 43 = ☐

6. 76 – 49 = ☐

7. 443 – 222 = ☐

8. 668 – 479 = ☐

What is the missing number?

56 – ☐ = 42

These tubs of fish show how many fish Sam and his cousins caught one morning.

What is the difference in the number of fish in the following tubs?

1. A and B ☐

2. D and E ☐

3. B and C ☐

4. C and E ☐

Medium Number and Algebra

Fractions and decimals

Draw a line to match the equivalent fractions.

1. $\frac{1}{2}$ $\frac{3}{4}$
2. $\frac{6}{8}$ $\frac{2}{4}$
3. $\frac{2}{3}$ $\frac{2}{6}$
4. $\frac{1}{3}$ $\frac{4}{6}$

Which is the largest decimal?

○ 0.5 ○ 0.9 ○ 0.05 ○ 0.09

Which is the smallest decimal?

○ 0.6 ○ 0.4 ○ 0.04 ○ 0.3

Write the decimal for the following fractions.

1. $\frac{1}{2}$ = ____ 2. $\frac{3}{4}$ = ____ 3. $\frac{1}{4}$ = ____

1. A pavlova is cut into 10 equal slices. If 0.6 of the pavlova has been eaten, how many slices remain? ____

2. A loaf of garlic bread is sliced into 10 pieces. If 3 pieces are left, what decimal would describe how much garlic bread is left? ____

Money

Cally went to the movies. How much did she spend if she bought:

1. a movie ticket and an ice-cream?
2. a movie ticket, a bottle of water and a box of popcorn?
3. a movie ticket and a bottle of water?
4. If Cally had $40 to start with, how much change would she receive after buying a movie ticket, an ice-cream, a bottle of water and a box of popcorn?

1. If 1 pair of shoes costs $35, how much will 4 of the same pairs cost?

2. If a music voucher costs $15, how much will 6 of the same vouchers cost?

3. If a bag of lollies costs $2.95, how much will 7 of the same bags of lollies cost?

4. If 5 novels of the same value cost $120, how much will 3 of that same value cost?

5. If Caleb buys a skateboard for $66, how much change will he receive from $100?

Advanced Number and Algebra

Roman numerals and large numbers

Write the number represented by these Roman numerals.

1. XI
2. IL
3. CCL
4. VIII
5. CM
6. ID

Write the Roman numerals for these numbers.

1. 75
2. 101
3. 220
4. 987
5. 630
6. 2050

Look at the numbers on the population charts then answer the questions.

Population	
Mackotown	1,345,298
Beachdon	3,210,092
Williamvale	2,242,176
Holdsfort	4,212,153
Largeton	6,045,234

1. Which place has the smallest population?
2. Which place has a population closest to 3,000,000?
3. Which place has a population closest to 10 million people?
4. Which 2 towns have the population closest to 5,000,000 when added together?

Ordinal numbers

Write the position before and after the following positions.

1. ____ 2nd ____ 2. ____ 7th ____

1. Briony ran in a race with 11 others. If 5 people beat her and 6 people came in after her, what was her place? ____

2. Charlotte ran a race with 23 others. 14 people finished behind Charlotte. What place did she come in the race? ____

Decimal patterns

Multiply these decimals and write the answers.

1. 5.2 x 10 = ____ 2. 4.5 x 100 = ____ 3. 4.06 x 100 = ____

Divide these decimals and write the answers.

1. 56 ÷ 10 = ____ 2. 134 ÷ 10 = ____ 3. 68 ÷ 100 = ____

A+