



ID:146

Name: \_\_\_\_\_

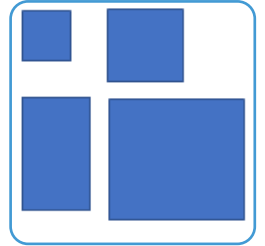
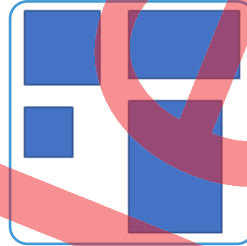
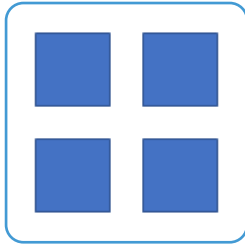
Pre-assessment mark:

Pre-assessment level:

Question 1

VCMNA110 - Level 2

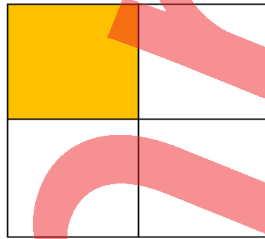
Which image shows quarters?



Question 2

VCMNA110 - Level 2

What fraction of the shape is shaded?



$\frac{1}{4}$

$\frac{1}{2}$

$\frac{3}{4}$

$\frac{1}{8}$

Question 3

VCMNA110 - Level 2

How many apples in one-quarter?



12

8

4

3



#### Question 4

VCMNA136 - Level 3

What is the circled part called?

$$\frac{\textcircled{1}}{5}$$

numerator

denominator

fraction

line

#### Question 5

VCMNA136 - Level 3

Which fraction is less than 1?

$$\frac{5}{1}$$

$$\frac{1}{5}$$

$$\frac{6}{5}$$

$$\frac{10}{5}$$

#### Question 6

VCMNA136 - Level 3

What fraction of the coins are silver?



$$\frac{4}{5}$$

$$\frac{1}{5}$$

$$\frac{1}{4}$$

$$\frac{5}{4}$$



Question 7

VCMNA157 - Level 4

What is next in the pattern?

$$\frac{2}{4}, 1, 1\frac{2}{4}, 2, 2\frac{2}{4}, \underline{\hspace{2cm}}$$

$$2\frac{3}{4}$$

3

$$3\frac{1}{4}$$

$$3\frac{2}{4}$$

Question 8

VCMNA157 - Level 4

What is the missing number in the equivalent fraction?

$$\frac{3}{5} = \frac{6}{\hspace{1cm}}$$

Question 9

VCMNA157 - Level 4

Which is an equivalent fraction to this fraction?

$$\frac{8}{10}$$

$$\frac{6}{10}$$

$$\frac{4}{5}$$

$$\frac{15}{20}$$

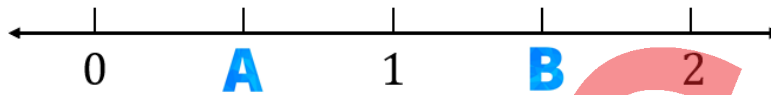
$$\frac{16}{22}$$



Question 10

VCMNA158 - Level 4

Use the number line to fill in the missing fractions.



A =  B =

Question 11

VCMNA158 - Level 4

What is next in the number sequence?

$\frac{1}{4}$ ,  $\frac{1}{2}$ , , 1

$\frac{1}{3}$

$\frac{2}{1}$

$\frac{3}{4}$

$\frac{2}{6}$

Question 12

VCMNA158 - Level 4

Complete the sentence with "less than" or "greater than" to make the statement true.

$\frac{1}{3}$  is   $\frac{1}{2}$



Question 13

VCMNA159 - Level 4

What is the place value of the 3 in this number?

18.93

3 tens

3 units

3 tenths

3 hundredths

Question 14

VCMNA159 - Level 4

Order the decimals from smallest to largest.

0.6

0.55

0.9

0.1

0.4

smallest

largest

Question 15

VCMNA159 - Level 4

What is this number sentence equal to?

$$5 + \frac{2}{10} + \frac{9}{100} =$$

529

52.9

5.29

5.029



### Teacher reference

\* 1 mark for each correct answer

Question	Sub-Strand	Victorian Curriculum	Content Description
1	Fractions and Decimals	Level 2	Recognise and interpret common uses of halves, quarters and eighths of shapes and collections (VCMNA110)
2	Fractions and Decimals	Level 2	Recognise and interpret common uses of halves, quarters and eighths of shapes and collections (VCMNA110)
3	Fractions and Decimals	Level 2	Recognise and interpret common uses of halves, quarters and eighths of shapes and collections (VCMNA110)
4	Fractions and Decimals	Level 3	Model and represent unit fractions including $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{1}{3}$ , $\frac{1}{5}$ and their multiples to a complete whole (VCMNA136)
5	Fractions and Decimals	Level 3	Model and represent unit fractions including $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{1}{3}$ , $\frac{1}{5}$ and their multiples to a complete whole (VCMNA136)
6	Fractions and Decimals	Level 3	Model and represent unit fractions including $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{1}{3}$ , $\frac{1}{5}$ and their multiples to a complete whole (VCMNA136)
7	Fractions and Decimals	Level 4	Investigate equivalent fractions used in contexts (VCMNA157)
8	Fractions and Decimals	Level 4	Investigate equivalent fractions used in contexts (VCMNA157)
9	Fractions and Decimals	Level 4	Investigate equivalent fractions used in contexts (VCMNA157)
10	Fractions and Decimals	Level 4	Count by quarters, halves and thirds, including with mixed numerals. Locate and represent these fractions on a number line (VCMNA158)
11	Fractions and Decimals	Level 4	Count by quarters, halves and thirds, including with mixed numerals. Locate and represent these fractions on a number line (VCMNA158)
12	Fractions and Decimals	Level 4	Count by quarters, halves and thirds, including with mixed numerals. Locate and represent these fractions on a number line (VCMNA158)
13	Fractions and Decimals	Level 4	Recognise that the place value system can be extended to tenths and hundredths. Make connections between fractions and decimal notation (VCMNA159)



\* 1 mark for each correct answer

Question	Sub-Strand	Victorian Curriculum	Content Description
14	Fractions and Decimals	Level 4	Recognise that the place value system can be extended to tenths and hundredths. Make connections between fractions and decimal notation (VCMNA159)
15	Fractions and Decimals	Level 4	Recognise that the place value system can be extended to tenths and hundredths. Make connections between fractions and decimal notation (VCMNA159)

Sample



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