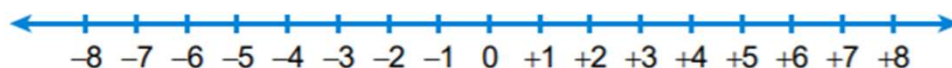# VAK Math

S1 1ˢᵗ term

Basic Math I

1

Directed Numbers

Mark the following points on the number line.

$A = -3, B = 8, C = 2, D = -6, E = 0$

2

Rewrite improper fraction as a mixed number or integer

Rewrite the fraction

$$\frac{85}{24}$$

↓ Rewrite as a mixed number

Write your ans here

Calculate the approximate value

$$\frac{85}{24}$$

↓ Calculate

Write your ans here

3

Rewrite improper fraction as a mixed number or integer

Rewrite the fraction

$$\frac{43}{8}$$

↓ Rewrite as a mixed number

Write your ans here

Calculate the value

$$\frac{43}{8}$$

↓ Calculate

Write your ans here

4

Rewrite improper fraction as a mixed number or integer

Calculate the value

$$\frac{84}{6}$$

↓ Reduce the fraction

Write your ans here

Rewrite the fraction

$$\frac{84}{6}$$

↓ Rewrite as a percentage

Write your ans here

5

Rewrite each mixed number as an improper fraction

Rewrite the mixed number

$$9\frac{3}{8}$$

↓ Rewrite as an improper fraction

Write your ans here

Rewrite the mixed number

$$10\frac{7}{12}$$

↓ Rewrite as an improper fraction

Write your ans here

6

Try to reduce in one step

Calculate the value

$$\frac{27}{36}$$

↓ Reduce the fraction

Write your ans here

Rewrite the fraction

$$\frac{27}{36}$$

↓ Rewrite as a percentage

Write your ans here

7

Try to reduce in one step

Simplify the expression

$$\frac{17}{51}$$

↓ Reduce the fraction

Write your ans here

Rewrite the fraction

$$\frac{17}{51}$$

↓ Rewrite as a percentage

Write your ans here

8

Calculate

Add the fractions

$$\frac{5}{12} + \frac{3}{16}$$

↓ Add

$$= \frac{20}{48} + \frac{9}{48}$$

Write your ans here

Calculate the sum

$$\frac{1}{2} + 4\frac{9}{22}$$

↓ Calculate

Write your ans here

9

Calculate

$$\frac{5}{6} - \frac{7}{12}$$

Write all numerators above the least common denominator

Write your ans here

$$7\frac{2}{3} - 3\frac{1}{2}$$

Subtract the whole and fractional parts separately

Write your ans here

10

Calculate

Calculate the value

$6 - 1\frac{3}{8}$

↓ Calculate by converting into improper fractions

Write your ans here

Calculate the value

$4\frac{2}{5} - 4$

↓ Calculate by breaking to wholes and parts

Write your ans here

11

VAK Math
See you!

12