USING A CALCULATOR

COMPLEX CALCULATIONS

Ref: G152. 1R1

A1 Evaluate $\frac{5.2\times3.9}{7.3-3.6}$ Give your answer correct to 3 significant figures	**A2** Evaluate $\frac{9.4+8.3^2}{0.7}$ Give your answer correct to 1 decimal place.	**A3** Evaluate $\frac{\sqrt{11.7}}{9.5-3.8}$ Give your answer correct to 2 significant figures	**A4** Evaluate $\frac{31.7+9.8}{2.1^2}$ Write down all the figures on your calculator display.
B1 Evaluate $\frac{14.5}{7.2-5.9}-7.3^2$ Give your answer correct to 2 significant figures	**B2** Evaluate $21.4^2+\frac{152}{2.7+5.9}$ Write down all the figures on your calculator display.	**B3** Evaluate $8.7+\frac{2.3^2-0.3^2}{2+4\times3}$ Give your answer correct to 1 decimal place.	**B4** Evaluate $\sqrt{17.9}+\frac{3.6\times13.7}{\sqrt{53.29}}$ Give your answer correct to 3 significant figures
C1 Evaluate $\sqrt{6.3^2-2.6^2}$ Give your answer correct to 1 decimal place.	**C2** Evaluate $\frac{1.4^3\times5.8}{\sqrt{5}-1.1}+2.9$ Give your answer correct to 2 significant figures	**C3** Evaluate $\frac{27.2-9.7}{5+\sqrt{3.1}}$ Give your answer correct to 3 significant figures	**C4** Evaluate $\frac{17.6-3.05}{(4.6+6.8)^2}$ Write down all the figures on your calculator display.
D1 Evaluate $\sqrt{4.5^3+(-7.1)^2}$ Write down all the figures on your calculator display.	**D2** Evaluate $1.2^6+\frac{2.4^2\times5.3}{28-3.2^3}$ Give your answer correct to 3 significant figures	**D3** Evaluate $\frac{4\times(12.3-4.8)^2}{5\sqrt{12}}$ Give your answer correct to 2 significant figures	**D4** Evaluate $\frac{4+\sqrt{(-4)^2-4\times3\times(-5)}}{2\times3}$ Give your answer correct to 1 decimal place.

REVIEW

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USING A CALCULATOR

COMPLEX CALCULATIONS

Ref: G152. 1R1

A1 Evaluate

$$\frac{5.2\times 3.9}{7.3-3.6}$$

Give your answer correct to 3 significant figures

5.48

A2 Evaluate

$$\frac{9.4+8.3^2}{0.7}$$

Give your answer correct to 1 decimal place.

111.8

A3 Evaluate

$$\frac{\sqrt{11.7}}{9.5-3.8}$$

Give your answer correct to 2 significant figures

0.60

A4 Evaluate

$$\frac{31.7+9.8}{2.1^2}$$

Write down all the figures on your calculator display.

9.41104308

B1 Evaluate

$$\frac{14.5}{7.2-5.9}-7.3^2$$

Give your answer correct to 2 significant figures

−42

B2 Evaluate

$$21.4^2+\frac{152}{2.7+5.9}$$

Write down all the figures on your calculator display.

475.63444186

B3 Evaluate

$$8.7+\frac{2.3^2-0.3^2}{2+4\times 3}$$

Give your answer correct to 1 decimal place.

9.1

B4 Evaluate

$$\sqrt{17.9}+\frac{3.6\times 13.7}{\sqrt{53.29}}$$

Give your answer correct to 3 significant figures

11.0

C1 Evaluate

$$\sqrt{6.3^2-2.6^2}$$

Give your answer correct to 1 decimal place.

5.7

C2 Evaluate

$$\frac{1.4^3\times 5.8}{\sqrt{5}-1.1}+2.9$$

Give your answer correct to 2 significant figures

17

C3 Evaluate

$$\frac{27.2-9.7}{5+\sqrt{3.1}}$$

Give your answer correct to 3 significant figures

2.59

C4 Evaluate

$$\frac{17.6-3.05}{(4.6+6.8)^2}$$

Write down all the figures on your calculator display.

0.1119575254

D1 Evaluate

$$\sqrt{4.5^3+(-7.1)^2}$$

Write down all the figures on your calculator display.

11.89684832

D2 Evaluate

$$1.2^6+\frac{2.4^2\times 5.3}{28-3.2^3}$$

Give your answer correct to 3 significant figures

−3.42

D3 Evaluate

$$\frac{4\times(12.3-4.8)^2}{5\sqrt{12}}$$

Give your answer correct to 2 significant figures

13

D4 Evaluate

$$\frac{4+\sqrt{(-4)^2-4\times 3\times(-5)}}{2\times 3}$$

Give your answer correct to 1 decimal place.

2.1