

# CHALLENGERS

you beauty

- |                      |               |                              |
|----------------------|---------------|------------------------------|
| 1)a) $567 + 473$     | h) 25% of 345 | o) $23 + 4.8 \times 5$       |
| b) $78 - 7.86$       | i) 75% of 400 | p) $7.4 \times 6 - 5.22$     |
| c) $5.67 + 4.32$     | j) 22% of 30  | q) $4.76 + (7.5 \times 5.2)$ |
| d) $3.3 \times 5.11$ | k) 60% of 450 | r) $46 - (14.3 - 6.7)$       |
| e) $23.4 \times 47$  | l) 20% of 100 | s) $(84 \times 2.1) - 22.4$  |
| f) $56.8 - 52.9$     | m) 40% of 60  | t) $28.7 - 35 \times 3.6$    |
| g) $45.11 + 23.7$    | n) 35% of 80  | u) $(4.3 - 6.3) \times 5$    |

## 2 Round off to 2 decimal places where necessary

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|-----------------------|----------------|---------------------------------|
| a) $5.86 \times 5.95$ | h) 5% of 6.7   | o) $5.56 \times 4.3 - 7.763$    |
| b) $45.6 \div 64$     | i) 35% of 5.67 | p) $35.75 - 47.3 \times 23$     |
| c) $34 \times 87.3$   | j) 90% of 300  | q) $(45 - 27.4) \times 3.33$    |
| d) $7.2 + 4.25$       | k) 4% of 6.56  | r) $64 - 33 \times (56 - 58.5)$ |
| e) $2.3 - 12.33$      | l) 30% of 84   | s) $36 - 5.78 \times 4.2$       |
| f) $2.23 \div 5.6$    | m) 65% of 60   | t) $(9.45 + 5.4) - 6.4$         |
| g) $5.56 - 6.9$       | n) 3% of 200   | u) $34 - 4.5 \times 1.55$       |

## 3 Round off to 3 decimal places where necessary

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|-------------------|-------------|--------------------------------|
| a) $\sqrt{38.34}$ | g) $4.67^2$ | m) $3.9^2 + \sqrt{45.9}$       |
| b) $\sqrt{45.4}$  | h) $1.4^2$  | n) $4.45 - 2.79^2$             |
| c) $\sqrt{33}$    | i) $16.7^2$ | o) $(5.78 + 5.84) \times 5.67$ |
| d) $\sqrt{61}$    | j) $6.89^2$ | p) $3.68^2 + \sqrt{45.5}$      |
| e) $\sqrt{144}$   | k) $0.77^2$ | q) $(6.5^2 - 13.1) \div 79.3$  |
| f) $\sqrt{35.45}$ | l) $0.28^2$ | r) $2.6 \div 3.5 + 1.9$        |

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|---------------------------------------|--|--|
| 4)a) $2\frac{3}{5} + 6\frac{1}{7}$    | g) $3\frac{2}{3} \times 2\frac{5}{8}$  | m) $3\frac{1}{4} + 2\frac{5}{8} + 2\frac{2}{7}$        |
| b) $7\frac{2}{4} - 8\frac{2}{5}$      | h) $1\frac{1}{2} \div 7\frac{1}{5}$    | n) $(5\frac{3}{4} - 2\frac{2}{3}) \times 7\frac{1}{3}$ |
| c) $2\frac{6}{7} \times 2\frac{2}{7}$ | i) $2\frac{6}{9} + 4\frac{4}{7}$       | o) $(2\frac{4}{5})^2 - 3\frac{1}{9}$                   |
| d) $6\frac{6}{7} \div 8\frac{3}{5}$   | j) $4\frac{1}{3} - 6\frac{4}{7}$       | p) $2\frac{1}{2} \div 9\frac{4}{5} - 1\frac{1}{3}$     |
| e) $7\frac{3}{4} + \frac{2}{10}$      | k) $3\frac{1}{4} \times 7\frac{1}{7}$  | q) $3\frac{2}{3} \times 5\frac{3}{4} - 55\frac{6}{7}$  |
| f) $3\frac{4}{11} - 5\frac{3}{5}$     | l) $2\frac{1}{3} \times 3\frac{4}{14}$ | r) $(4\frac{2}{5})^2 - (1\frac{3}{4})^2$               |

