

Stage 8 End of Unit 7 Test

The tests and mark schemes have been written by the authors. These may not fully reflect the approach of Cambridge Assessment International Education.

Answers

1 0.625 [2]

2 a i $\frac{3}{5}, \frac{7}{20}$ or A, D **ii** $\frac{2}{9}, \frac{1}{6}, \frac{4}{15}$ or B, C, E

b A $\frac{3}{5} = 0.6$, B $\frac{2}{9} = 0.\dot{2}$, C $\frac{1}{6} = 0.1\dot{6}$, D $\frac{7}{20} = 0.35$, E $\frac{4}{15} = 0.2\dot{6}$

c $\frac{1}{6}, \frac{2}{9}, \frac{4}{15}, \frac{7}{20}, \frac{3}{5}$ or C, B, E, D, A [7]

3 a = **b** ≠ [2]

4 a > **b** < [2]

5 Abe had the highest score.

Abe scored $\frac{18}{25} = 72\%$, Brad scored $\frac{14}{20} = 70\%$ and Carlos scored 71%. [3]

6 a $4\frac{1}{4}$ **b** $4\frac{19}{20}$ [4]

7 a Learner's estimate, e.g. $4 \times 4 + 4 \times 9 = 52 \text{ cm}^2$

b $50\frac{2}{5} \text{ cm}^2$ [4]

8 75 kilometres per hour (km/h) [2]

9 $\frac{9}{40}$ [3]

10 a $\frac{9}{20}$ **b** $\frac{3}{8}$ [4]

[TOTAL: 33 Marks]