

Arithmetic

Section 2 – Decimals

Pages 24 and 25

— Adding Decimals

- 1) 7.6
- 2) 34.8 (1 mark)
- 3) 8.5 (1 mark)
- 4) 9.99 (1 mark)
- 5) 35.7 (1 mark)
- 6) 19.94 (1 mark)
- 7) 5.94 (1 mark)
- 8) 13.76 (1 mark)
- 9) 7.91 (1 mark)
- 10) 54.83 (1 mark)
- 11) 9.4 (1 mark)
- 12) 37.1 (1 mark)
- 13) 56.15 (1 mark)
- 14) 10.52 (1 mark)
- 15) 16.53 (1 mark)
- 16) 27.76 (1 mark)

Pages 26 and 27

— Subtracting Decimals

- 1) 0.6
- 2) 1.3 (1 mark)
- 3) 4.5 (1 mark)
- 4) 5.6 (1 mark)
- 5) 4.63 (1 mark)
- 6) 21.2 (1 mark)
- 7) 2.29 (1 mark)
- 8) 14.25 (1 mark)
- 9) 3.44 (1 mark)
- 10) 1.6 (1 mark)
- 11) 2.78 (1 mark)
- 12) 2.38 (1 mark)
- 13) 11.08 (1 mark)
- 14) 1.58 (1 mark)
- 15) 8.66 (1 mark)
- 16) 2.7 (1 mark)

Page 28 — Multiplying
by 10, 100 and 1000

- 1) 16
- 2) 25.3 (1 mark)
- 3) 72392 (1 mark)
- 4) 730 (1 mark)
- 5) 255894 (1 mark)
- 6) 387684 (1 mark)
- 7) 400 (1 mark)
- 8) 68955080 (1 mark)

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Page 29 — Dividing by 10, 100 and 1000

- 1) 0.13
- 2) 12.867 (1 mark)
- 3) 18.56 (1 mark)
- 4) 939.07 (1 mark)
- 5) 0.007 (1 mark)
- 6) 5.346 (1 mark)
- 7) 0.193 (1 mark)
- 8) 0.012 (1 mark)

Pages 30 and 31 — Multiplying with Decimals

- 1) 2.1
- 2) 2 (1 mark)
- 3) 4.8 (1 mark)
- 4) 3.3 (1 mark)
- 5) 12.6 (1 mark)
- 6) 40.6 (1 mark)
- 7) 33.3 (1 mark)
- 8) 73.8 (1 mark)
- 9) 0.24 (1 mark)
- 10) 0.66 (1 mark)
- 11) 5.11 (1 mark)
- 12) 6.39 (1 mark)
- 13) 5.36 (1 mark)
- 14) 73.17 (1 mark)
- 15) 278.22 (1 mark)
- 16) 132.72 (1 mark)

Page 32 — Dividing with Decimals

- 1) 1.5
- 2) 1.5 (1 mark)
- 3) 2.25 (1 mark)
- 4) 7.2 (1 mark)
- 5) 3.5 (1 mark)
- 6) 6.25 (1 mark)
- 7) 12.4 (1 mark)
- 8) 11.5 (1 mark)

Pages 33 and 34 — Short and Long Division with Decimals

- 1) 30.4
- 2) 17.8 (1 mark)
- 3) 21.5 (1 mark)
- 4) 24.5 (1 mark)
- 5) 256.5 (1 mark)
- 6) 126.2 (1 mark)
- 7) 78.6 (1 mark)
- 8) 32.25 (1 mark)
- 9) 13.5

10) 131.5

$$\begin{array}{r} 131.5 \\ 22 \overline{) 2893.0} \\ \underline{-22} \\ 69 \\ \underline{-66} \\ 33 \\ \underline{-22} \\ 110 \\ \underline{-110} \\ 0 \end{array}$$

(2 marks for the correct answer.
1 mark if the answer is wrong but a
correct method has been used.)

11) 245.6

$$\begin{array}{r} 245.6 \\ 45 \overline{) 11052.0} \\ \underline{-90} \\ 205 \\ \underline{-180} \\ 252 \\ \underline{-225} \\ 270 \\ \underline{-270} \\ 0 \end{array}$$

(2 marks for the correct answer.
1 mark if the answer is wrong but a
correct method has been used.)

12) 1206.75

$$\begin{array}{r} 1206.75 \\ 8 \overline{) 9654.00} \\ \underline{-8} \\ 16 \\ \underline{-16} \\ 05 \\ \underline{-0} \\ 54 \\ \underline{-48} \\ 60 \\ \underline{-56} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

(2 marks for the correct answer.
1 mark if the answer is wrong but a
correct method has been used.)

Section 3 — Fractions

Page 35 — Adding Fractions

- 1) $\frac{5}{7}$
- 2) $\frac{4}{5}$ (1 mark)
- 3) $\frac{5}{9}$ (1 mark)
- 4) $\frac{7}{8}$ (1 mark)
- 5) $\frac{6}{11}$ (1 mark)
- 6) $\frac{11}{12}$ (1 mark)
- 7) $\frac{13}{15}$ (1 mark)
- 8) 1 OR $\frac{17}{17}$ (1 mark)

Pages 36 and 37 — Adding Fractions with Different Denominators

- 1) $\frac{3}{4}$
- 2) $\frac{4}{9}$ (1 mark)
- 3) $\frac{5}{8}$ (1 mark)
- 4) $\frac{5}{6}$ (1 mark)
- 5) $\frac{13}{20}$ (1 mark)
- 6) $\frac{11}{14}$ (1 mark)
- 7) $\frac{20}{27}$ (1 mark)
- 8) $\frac{23}{24}$ (1 mark)
- 9) $\frac{7}{12}$
- 10) $\frac{16}{63}$ (1 mark)
- 11) $\frac{13}{15}$ (1 mark)
- 12) $\frac{35}{36}$ (1 mark)
- 13) $\frac{13}{24}$ (1 mark)
- 14) $\frac{19}{60}$ (1 mark)
- 15) $\frac{17}{42}$ (1 mark)
- 16) $\frac{9}{16}$ (1 mark)

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Page 38 — Subtracting Fractions

- 1) $\frac{1}{6}$
- 2) $\frac{2}{5}$ (1 mark)
- 3) $\frac{5}{14}$ (1 mark)
- 4) $\frac{1}{2}$ (1 mark)
- 5) $\frac{1}{2}$ (1 mark)
- 6) $\frac{1}{3}$ (1 mark)
- 7) $\frac{2}{3}$ (1 mark)
- 8) $-\frac{2}{7}$ (1 mark)

Page 39 — Subtracting Fractions with Different Denominators

- 1) $\frac{5}{8}$
- 2) $\frac{2}{15}$ (1 mark)
- 3) $\frac{1}{10}$ (1 mark)
- 4) $\frac{5}{24}$ (1 mark)
- 5) $\frac{11}{30}$ (1 mark)
- 6) $-\frac{4}{9}$ (1 mark)

Pages 40 and 41 — Mixed Numbers

- 1) $4\frac{6}{7}$
- 2) $7\frac{3}{5}$ (1 mark)
- 3) $6\frac{3}{4}$ (1 mark)
- 4) $8\frac{7}{15}$ (1 mark)
- 5) $2\frac{2}{3}$ (1 mark)
- 6) $3\frac{3}{8}$ (1 mark)
- 7) $2\frac{1}{2}$
- 8) $3\frac{13}{15}$ (1 mark)
- 9) $1\frac{3}{8}$ (1 mark)
- 10) $4\frac{8}{45}$ (1 mark)
- 11) $1\frac{5}{9}$ (1 mark)
- 12) $-\frac{15}{28}$ (1 mark)