

TARGET To practise long division of whole numbers and decimals.

Examples

$$8937 \div 25$$

$$\begin{array}{r} 357 \frac{12}{25} \\ 25 \overline{)8937} \\ \underline{75} \quad (300 \times 25) \\ 143 \\ \underline{125} \quad (50 \times 25) \\ 187 \\ \underline{175} \quad (7 \times 25) \\ 12 \end{array}$$

$$790.4 \div 19$$

$$\begin{array}{r} 41.6 \\ 19 \overline{)790.4} \\ \underline{76} \quad (40 \times 19) \\ 30 \\ \underline{19} \quad (1 \times 19) \\ 11.4 \\ \underline{11.4} \quad (0.6 \times 19) \\ 0.0 \end{array}$$

$$82.08 \div 24$$

$$\begin{array}{r} 3.42 \\ 24 \overline{)82.08} \\ \underline{72} \quad (3 \times 24) \\ 10.0 \\ \underline{9.6} \quad (0.4 \times 24) \\ 0.48 \\ \underline{0.48} \quad (0.02 \times 24) \\ 0.0 \end{array}$$

A

Work out

- 1 $286 \div 22$
- 2 $378 \div 14$
- 3 $850 \div 25$
- 4 $616 \div 28$
- 5 $396 \div 33$
- 6 $744 \div 16$
- 7 $672 \div 31$
- 8 $528 \div 42$
- 9 $40.5 \div 15$
- 10 $47.6 \div 34$
- 11 $73.6 \div 23$
- 12 $85.5 \div 19$
- 13 $69.7 \div 41$
- 14 $93.6 \div 24$
- 15 $81.0 \div 18$
- 16 $76.8 \div 32$

B

Work out

- 1 $1848 \div 14$
- 2 $4725 \div 21$
- 3 $8690 \div 33$
- 4 $5959 \div 42$
- 5 $3828 \div 29$
- 6 $7257 \div 16$
- 7 $7499 \div 51$
- 8 $8362 \div 37$
- 9 $556.6 \div 22$
- 10 $478.8 \div 38$
- 11 $63.24 \div 17$
- 12 $709.5 \div 43$
- 13 $81.94 \div 34$
- 14 $3523 \div 26$
- 15 $941.4 \div 18$
- 16 $91.85 \div 55$
- 17 A jug holding 4.5 litres of juice is poured equally into 25 glasses. How much juice is in each glass?
- 18 Usama saves the same amount of money each week. In one year he saves £351. How much does he save each week?
- 19 The total weight of 32 identical parcels is 81.92 kg. What does each parcel weigh?
- 20 Each pin is made from 18 mm of wire. How many pins can be made from a 3.2 m wire?

C

Work out

- 1 $222.25 \div 35$
- 2 $2901.3 \div 19$
- 3 $14.842 \div 41$
- 4 $33\,840 \div 27$
- 5 $21.736 \div 52$
- 6 $3565.9 \div 13$
- 7 $15\,000 \div 24$
- 8 $543.66 \div 39$
- 9 $62\,437 \div 15$
- 10 $47.554 \div 31$
- 11 $2041.2 \div 28$
- 12 $617.32 \div 44$
- 13 $13.752 \div 36$
- 14 $58\,465 \div 23$
- 15 $123.75 \div 45$
- 16 $77.064 \div 57$

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A

1 975	5 672	9 3105
2 266-6	6 1406	10 9882
3 3111	7 205-2	11 1467-0
4 1577	8 691-2	12 1277-1

B

1 52224	5 116739	9 1130-22
2 141288	6 140894	10 29257-8
3 12448-8	7 968-8	11 914-22
4 2832-69	8 18936	12 3796-84

C

1 986020	7 47866-9	13 234-663
2 665685	8 1994-33	14 5354-55
3 10586-88	9 110908	15 22492-8
4 867-027	10 422734	16 165-564
5 1022-694	11 12556-8	17 813-1 litres
6 11292-96	12 1384-84	

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A

1 1548	7 227-2	13 272-6
2 2185	8 418-8	14 100-8
3 283-5	9 5775	15 10512
4 417-2	10 868-8	16 9633
5 5225	11 666	17 860-4
6 3052	12 2093	18 960-0

B

1 13188	7 3096	13 4849-69
2 17626	8 185-04	14 10214-1
3 1971-6	9 72912	15 2867-4
4 212-07	10 121545	16 2005-64
5 43425	11 18585-6	17 2841-84 kg
6 456-24	12 407-42	

C

1 117384	7 7299-48	13 66586
2 313599	8 97-692	14 3017-12
3 4087-1	9 828761	15 511-566
4 351-585	10 7954-41	16 5082
5 25438-2	11 2664-025	17 1793-1 m
6 224-736	12 15122-88	

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A

1 71 r 1	6 73 r 4	11 5-6	16 7-6
2 14 r 3	7 39 r 2	12 5-3	17 2-8
3 36 r 1	8 23	13 6-5	18 7-6
4 13 r 5	9 29	14 3-9	19 5-2
5 17 r 2	10 75 r 1	15 6-8	20 9-4

B

1 1527 r 2	6 194	11 5-86	16 8-3
2 473 r 5	7 628 r 2	12 72-5	17 942
3 765 r 3	8 356 r 7	13 4-93	18 £35
4 839	9 63-7	14 2-78	19 685
5 2647 r 1	10 24-9	15 36-7	20 6-9 m

C

1 2946 r 5	6 3578	11 852-9	16 4-619
2 8157 r 4	7 5496 r 2	12 30-97	17 2679
3 4935 r 1	8 7062 r 9	13 625-8	18 £28-95
4 1743	9 93-85	14 7-943	19 476
5 6829 r 5	10 5-716	15 18-94	20 68-75 kg

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A

1 64 r 3	6 88 r 3	11 4-8	16 7-6
2 24 r 3	7 27	12 7-9	17 5-9
3 43	8 87 r 2	13 8-4	18 8-7
4 58 r 2	9 38 r 1	14 9-7	19 6-8
5 36 r 7	10 45 r 5	15 9-8	20 7-6

B

1 647	6 2683	11 22-25	16 17-75
2 37-8	7 274-8	12 117-46	17 £187-50
3 539	8 14-36	13 968-75	18 26-86 kg
4 3-62	9 46-55	14 53-25	19 2976
5 45-06	10 62-85	15 59-28	20 13-75 km

C

1 3857	6 27-458	11 91-865	16 142-972
2 47-26	7 41-962	12 67-345	17 15-768 kg
3 7-539	8 160-73	13 52-475	18 7-976 litres
4 1934-2	9 5-214	14 13-765	19 1-375 m
5 52-89	10 29-425	15 80-925	20 14-675 km

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A

1 13	5 23 r 7	9 14	13 35 r 4
2 24	6 21 r 10	10 42	14 13 r 14
3 22 r 4	7 32 r 6	11 20 r 10	15 32
4 32 r 5	8 23 r 13	12 17	16 14 r 19

B

1 153 r 8	6 140	11 348	16 373 r 8
2 122 r 21	7 356	12 211 r 32	17 546
3 240	8 330 r 7	13 130 r 6	18 £186
4 232	9 221 r 17	14 257 r 12	19 272
5 165 r 18	10 176 r 30	15 164	

C

1 1240	5 4702 r 1	9 2402	13 1266 r 15
2 436 r 5	6 3423	10 316 r 30	14 2148 r 24
3 325 r 18	7 429 r 3	11 2726	15 4073
4 2510 r 24	8 662 r 15	12 3340 r 28	16 1629 r 3

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A

1 13	5 12	9 2-7	13 1-7
2 27	6 46 r 8	10 1-4	14 3-9
3 34	7 21 r 21	11 3-2	15 4-5
4 22	8 12 r 24	12 4-5	16 2-4

B

1 132	6 453 r 9	11 3-72	16 1-67
2 225	7 147 r 2	12 16-5	17 0-18 litres
3 263 r 11	8 226	13 2-41	18 £6-75
4 141 r 37	9 25-3	14 135-5	19 2-56 kg
5 132	10 12-6	15 52-3	20 177

C

1 6-35	5 0-418	9 4162 r 7	13 0-382
2 152-7	6 274-3	10 1-534	14 2541 r 22
3 0-362	7 625	11 72-9	15 2-75
4 1253 r 9	8 13-94	12 14-03	16 1-352