

UNIT 4 *Arithmetic: Addition and Subtraction of Decimals*

Extra Exercises 4.1

1. Find:

(a) $9 + 8$

(b) $14 + 5$

(c) $25 + 18$

(d) $51 + 27$

(e) $47 + 27$

(f) $38 + 25$

2. Find:

(a) $9 - 4$

(b) $12 - 7$

(c) $24 - 11$

(d) $47 - 24$

(e) $35 - 18$

(f) $53 - 38$

3. Find:

(a) $8 + (5 - 2)$

(b) $8 - (5 - 2)$

(c) $(8 + 5) - 2$

(d) $(8 - 5) - 2$

4. Find the sum of 12, 25 and 39.

5. There are 57 people on a train as it leaves a station.

(a) At the next station, 29 people get off and 17 people get on. How many people are now on the train?

(b) At the next station, no-one gets off but 18 people get on. How many people are now on the train?

6. In Year 7, there are 95 pupils in three classes. There are 28 pupils in class 1 and 30 pupils in class 2. How many pupils are in class 3?

7. Find:

(a) $0.3 + 0.5$

(b) $0.41 + 0.23$

(c) $0.65 + 0.5$

(d) $0.27 + 0.38$

(e) $1.47 + 0.86$

(f) $2.87 + 3.58$

8. Find:

(a) $0.8 - 0.2$

(b) $0.9 - 0.4$

(c) $1.5 - 0.7$

(d) $6.5 - 4.9$

(e) $0.74 - 0.32$

(f) $0.45 - 0.18$

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Extra Exercises 4.2

1. You spend 37p on a chocolate bar. How much change do you get if you pay with a 50p coin?
2. A magazine costs £3.15. How much change will you get if you pay for it with a £5 note?
3. Liz buys a £4.75 train ticket with a £10 note. How much change does she get?
4. Tom buys a cheeseburger costing £1.79, chips costing 79p and a drink costing 85p.
 - (a) How much is the total cost?
 - (b) The same meal is on special offer at a cost of £2.99. How much does Tom save if he buys the meal at the special offer price?
5. A plant is 1.17 m high. If it grows another 18 cm, what is its height now?
6. A baby increases in mass from 5.46 kg to 6.18 kg. How much mass has the baby gained?

Extra Exercises 4.1

Answers

1. (a) 17 (b) 19 (c) 43 (d) 78 (e) 74 (f) 63
2. (a) 5 (b) 5 (c) 13 (d) 23 (e) 17 (f) 15
3. (a) 11 (b) 5 (c) 11 (d) 1
4. 76
5. (a) 45 (b) 63
6. 37
7. (a) 0.8 (b) 0.64 (c) 1.15 (d) 0.65 (e) 2.33 (f) 6.45
8. (a) 0.6 (b) 0.5 (c) 0.8 (d) 1.6 (e) 0.42 (f) 0.27

Extra Exercises 4.2

Answers

1. 13p
2. £1.85
3. £5.25
4. (a) £3.43 (b) 44p
5. 1.35 m
6. 0.72 kg (or 720 grams)