St Olaves / Newstead
Homework 9 Answer Key

Comprehension

1. B
2. B
3. D
4. E
5. B
6. D
7. C
8. B
9. C
10. C
11. A, B
12. D, E

Percentages

Calculate 80% of 30

10% = 3
80% = 24

24

(2)

A bag of sugar contains 420g.
A special offer packet contains an extra 15%.

Work out how much extra sugar is in the special offer packet.

10% = 42g
5% = 21g

63 .g

(2)

A new car is priced at £7500.
In a sale it is reduced by 20%.

Calculate the reduction in price.

10% = £750
20% = £1500

£ 1500

(2)

Calculate 3% of $600

1% = $6
3% = $18

$ 18

(2)

Mary wins £400.
She gives 50% to her mother.
Mary gives 20% to her sister.
She keeps the rest.

Work out how much each person receives.

Mother £ 200
Sister £ 80
Mary £ 120

(3)

Barry's salary is £14 000 and he is due to get an increase of 5%.
Calculate how much this increase will be.

10% = £1400
5% = £700

£ 700

(2)

Harry wants to buy a motorbike that costs £600.
He saves 30% of his wages each month.
Each month Harry earns £400.

Calculate how many months it will take Harry to save enough money.

10% of £400 = £40

30% = £120

£600 ÷ £120 = 5 months

5

(3)

There are 20,000 fans at a football match.
12% of the fans are women.

Work out how many women attended the match.

10% = 2000
1% = 200
1% = 200

2400

(2)

Calculate 75% of 300

50% = 150
25% = 75

225

(2)

At Frome International train station, 35% of trains were late in a week.
In that week there were 440 trains.

Calculate how many trains were on time.

10% = 44
10% = 44   440
10% = 44   −154
5% = 22   ─────
  ──────
  154

286

(3)

VR

23) B

24) E. Sang Loudly, this phrase doesn't involve movement whilst the others do

25) A

26) B. 2317

27) A. 23 years, given the constraints, the ages must be Bob-21, Alice-22, Chris-23, Emily-24, David-25.

28) D

29) E. mountains moon rises over The the, ordered by number of vowels in each word.

30) C. tea cold the soul warms Hot, ordered alphabetically by the final letter.

31) B

32) E

NVR

33)	A
34)	D
35)	C
36)	D
37)	E
38)	E
39)	A
40)	E
41)	E
42)	C
43)	C
44)	B