

Year 5 Homework Answer

**Module 10: Introduction to percentages**

1.

N/A

2.

$0.51 = 51\%$	$0.32 = 32\%$	$0.93 = 93\%$	$0.25 = 25\%$
$0.47 = 47\%$	$0.76 = 76\%$	$0.89 = 89\%$	$0.42 = 42\%$

3.

- a) True
- b) True
- c) False
- d) False
- e) True

4.

N/A

5.

- a) \$20
- b) \$80
- c) \$40
- d) \$88
- e) \$60
- f) \$200
- g) \$80 off,  $400 - 80 = \$320$

6.

- a) 24
- b) 150
- c) 75
- d) 120
- e) 36
- f) 240
- g) 195

7.

1 10	5 50	6 600
0.5 5	2.5 25	3 30

8.

60	98	120
42	37.5	63
60	54	900

9.

15	20	20	68
42	60	60	40

10.

15%	28%	7%	1%
8%	50%	90%	35%

11.

$\frac{23}{100}$	23%	0.23
$\frac{9}{10}$	90%	0.9

12.

21	27	36
9	78	60
272	396	338
220	465	180

13.

- a) 96
- b) 36
- c) 72

14.

Problem 1:

- a) 9
- b) 900
- c) 450

Problem 2:

- a) N/A
- b) 280

Problem 3:

- a) 6
- b) 60
- c) N/A

15.

220	180	140	110
550	450	350	275
1320	1080	840	660

16.

- a) 58%
- b) 42%

17.

- a) 45%
- b) 55%

18.

40%

19.

- a)  $\frac{13}{20} = 65\%$
- b) 1750 m

20.

81%

21.

60%

22.

Branson's work is correct.  
Because the 10% is extra charge on the meal (Answer may vary)

23.

Potter: \$360  
Weasley: \$500  
 $500 - 360 = \$140$

24.

60%