

Percentage of an Amount 2

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1a. Melody says,



To find 20% of an amount, you divide the number by 20.

Is Melody correct? Prove it.



R

1b. Arthur says,



To find 70% of an amount, you divide the number by 70.

Is Arthur correct? Prove it.



R

2a. Which is the odd one out?

A

40% of 60

B

50% of 48

C

30% of 50

Explain your reasoning.
Could there be more than one answer?



R

2b. Which is the odd one out?

A

40% of 50

B

50% of 40

C

70% of 90

Explain your reasoning.
Could there be more than one answer?



R

3a. Find a path to the gem by moving horizontally and vertically through the correct answers.

Start	40% of 100 = 40	30% of 60 = 18	50% of 50 = 25
40% of 80 = 50	60% of 40 = 30	10% of 100 = 1	60% of 40 = 24
90% of 80 = 75	10% of 70 = 7	90% of 20 = 18	



PS

3b. Find a path to the gem by moving horizontally and vertically through the correct answers.

Start	50% of 20 = 10	80% of 50 = 40	10% of 100 = 50
50% of 40 = 30	70% of 100 = 7	30% of 10 = 3	80% of 80 = 60
40% of 90 = 36	60% of 60 = 36	70% of 40 = 28	



PS

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4a. Libby says,



To find 15% of an amount, you divide the number by 10 and then add 5.

Is Libby correct? Prove it.



R

4b. Raffy says,



To find 5% of an amount, you divide the number by 10 and then divide it by 5.

Is Raffy correct? Prove it.



R

5a. Which is the odd one out?

A

5% of £60

B

26% of £650

C

45% of £80

Explain your reasoning.
Could there be more than one answer?



R

5b. Which is the odd one out?

A

40% of £80

B

28% of £150

C

6% of £40

Explain your reasoning.
Could there be more than one answer?



R

6a. Find a path to the gem by moving horizontally and vertically through the correct answers.

Start	20% of 2m = 40cm	20% of 240 = 48	30% of 180 = 45
19% of 1m = 28cm	86% of 120 = 100	62% of 50 = 31	25% of 140 = 50
30% of 80 = 32	10% of 130 = 13	95% of 140 = 133	



PS

6b. Find a path to the gem by moving horizontally and vertically through the correct answers.

Start	30% of 90 = 30	11% of 110 = 11	25% of 180 = 40
20% of 80 = 16	29% of 3m = 87cm	55% of 100 = 55	35% of 200 = 17
91% of 100 = 91	11% of 300 = 3	30% of 180 = 54	



PS