Arithmetic – Finding Percentages

Information:

These questions have been inspired by the KS2 Arithmetic test to help your children practise specific question types. Questions of this style also appear on the 2016 sample Arithmetic paper (questions 17 and 27), the 2016 Arithmetic Test (questions 25 and 29), the 2017 Arithmetic Test (questions 29, 31 and 34) and the 2018 Arithmetic Test (questions 21, 30 and 34).

National Curriculum Objectives:

Mathematics Year 6: (6R2) Solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison

Differentiation:

Beginner Finding 50% of numbers to 1000. Aimed at Year 6 Emerging.
Easy Finding 50% and 10% of numbers to 1000. Aimed at Year 6 Emerging.
Tricky Finding 20% and 25% of numbers to 1000. Aimed at Year 6 Emerging.
Expert Finding multiples of 10% of 3 and 4 digit numbers. Aimed at Year 6 Developing.
Brainbox Finding multiples of 5% of 3 and 4 digit numbers. Aimed at Year 6 Expected.
Genius Finding any % of 3 and 4 digit numbers. Aimed at Year 6 Greater Depth.

More Arithmetic resources.

Did you like this resource? Don't forget to review it on our website.

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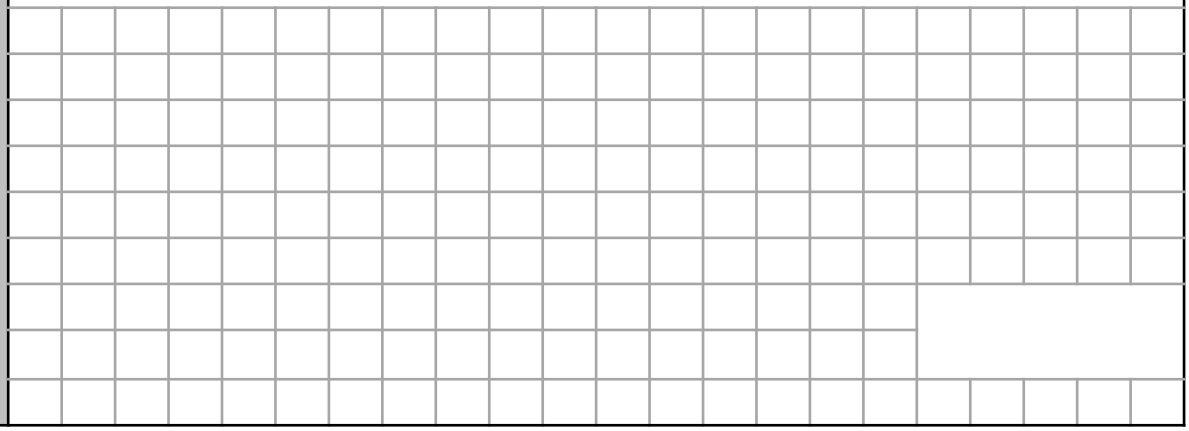
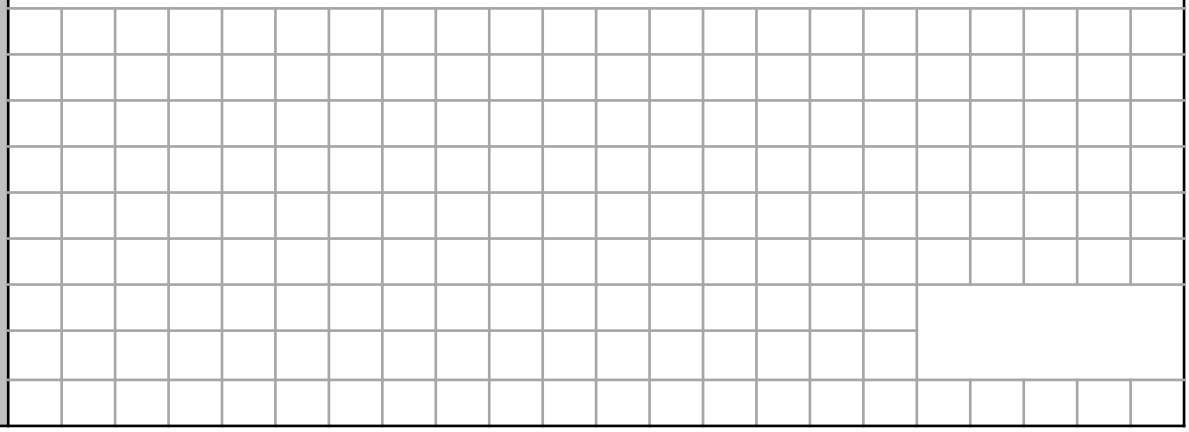
Arithmetic – Finding Percentages

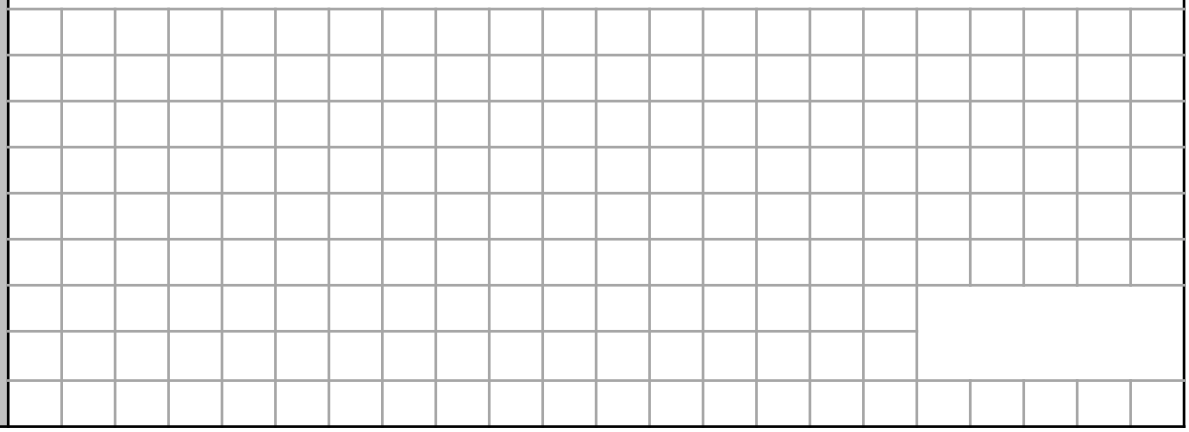
1 50% of 200 =



2 50% of 800 =



3 50% of 360 =



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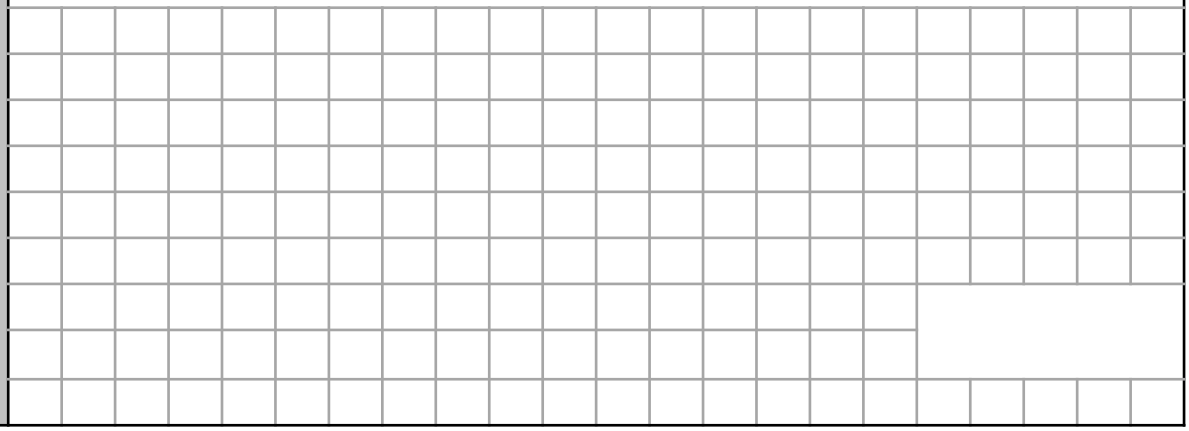
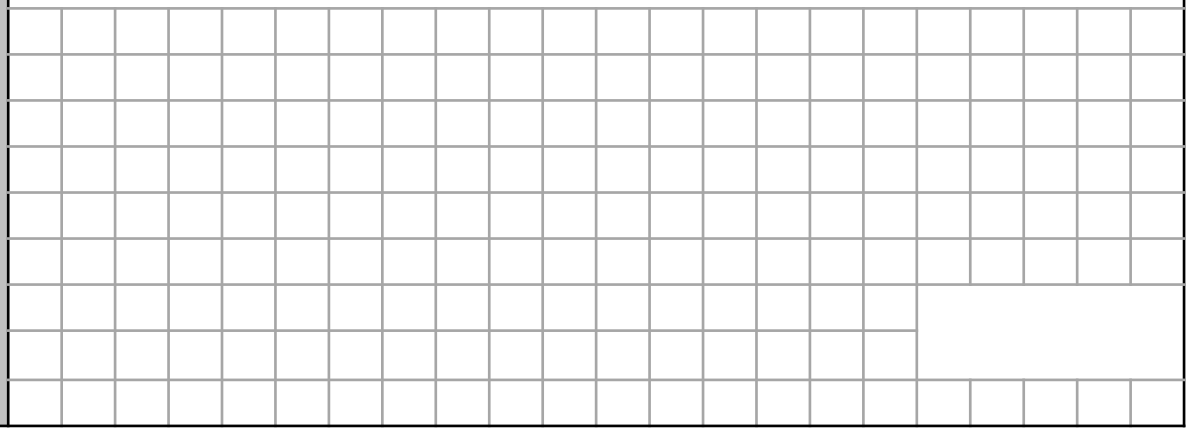
Arithmetic – Finding Percentages

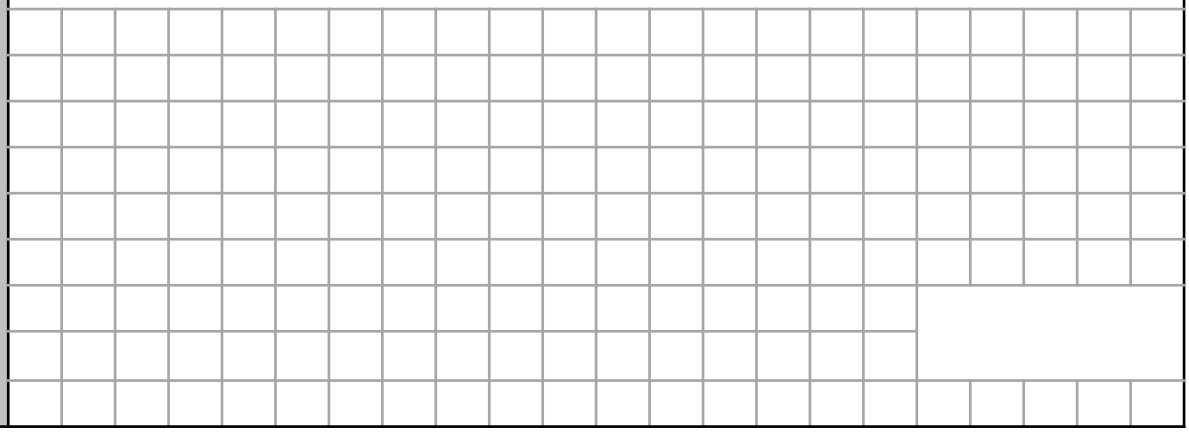
4 50% of 128 =



5 50% of 470 =



6 50% of 900 =



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Arithmetic – Finding Percentages

7 50% of 544 =

8 50% of 222 =

9 50% of 350 =

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Arithmetic – Finding Percentages

10 50% of 720 =

11 50% of 926 =

12 50% of 578 =

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Arithmetic – Finding Percentages

1

50% of 684 =

2

10% of 230 =

3

10% of 480 =

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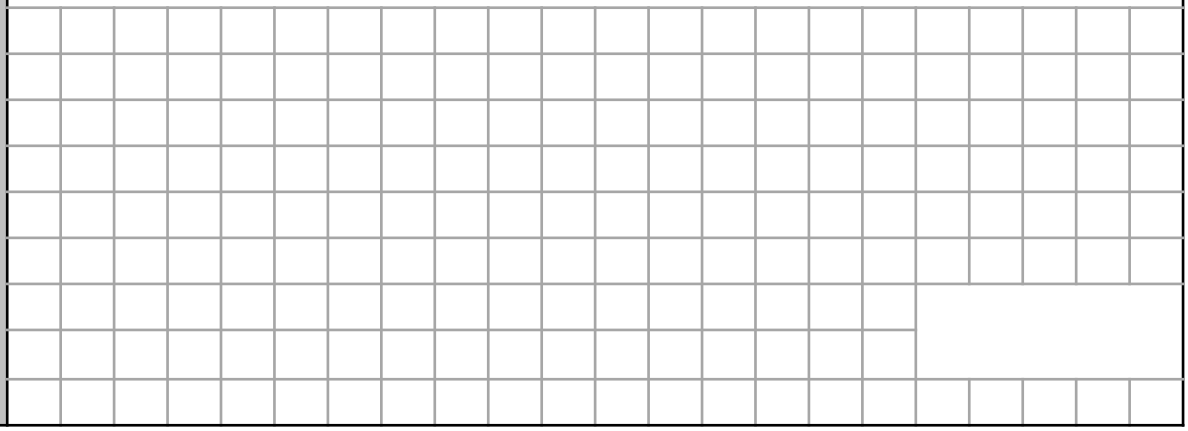
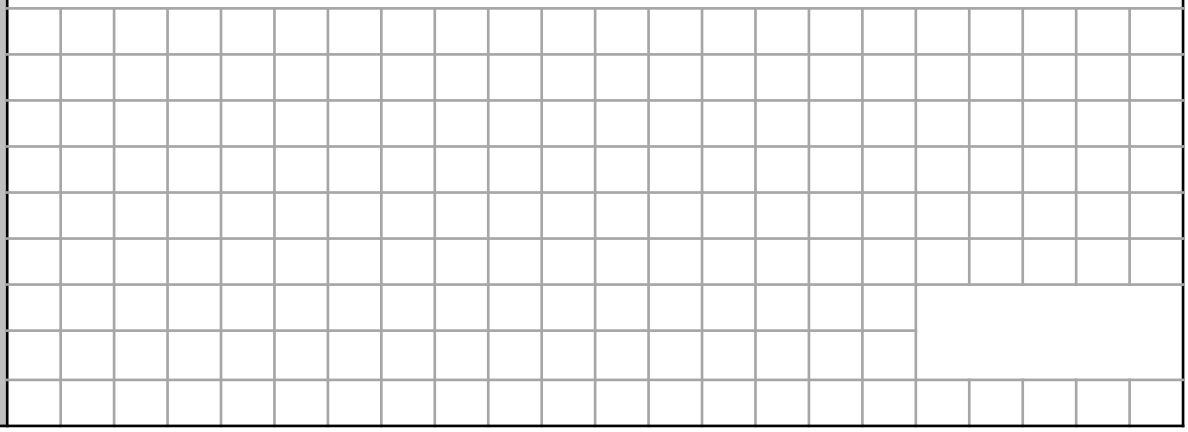
Arithmetic – Finding Percentages

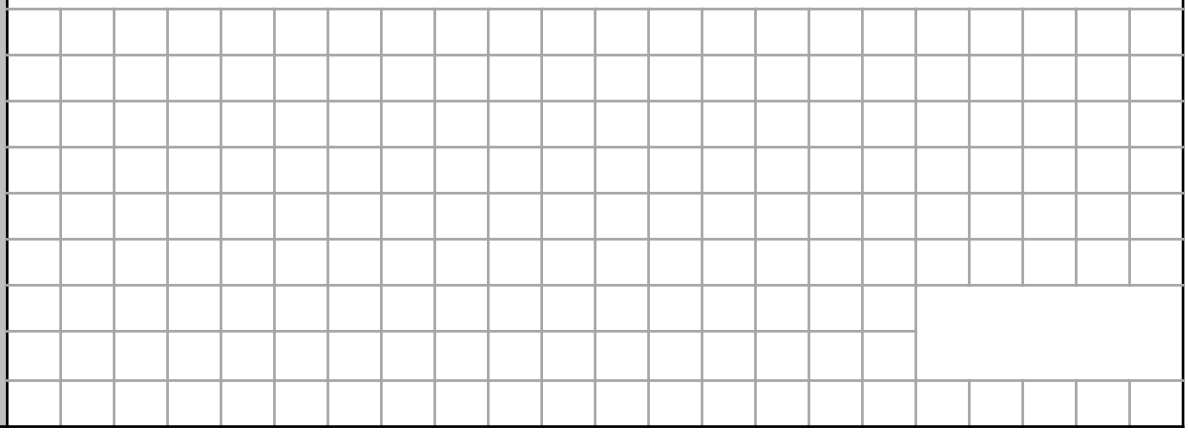
4 10% of 510 =



5 10% of 270 =



6 50% of 936 =



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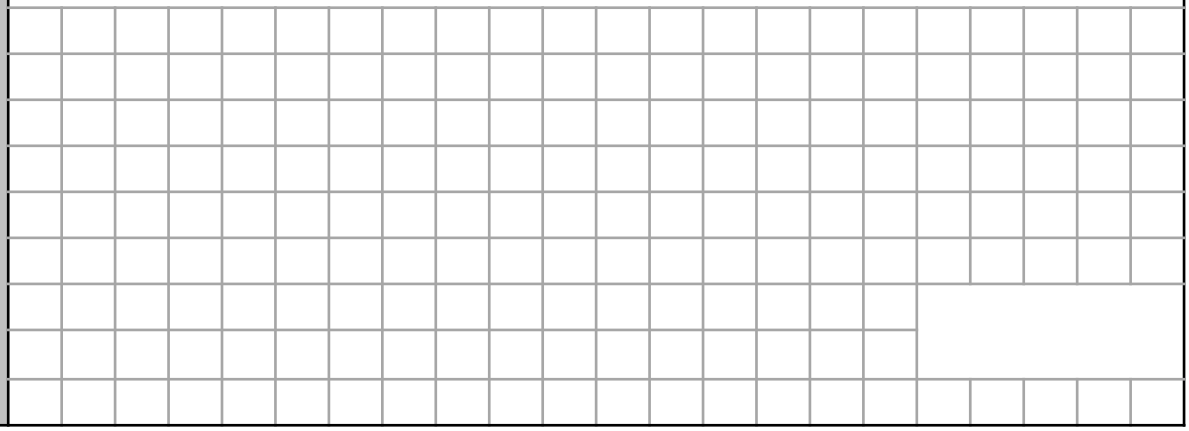
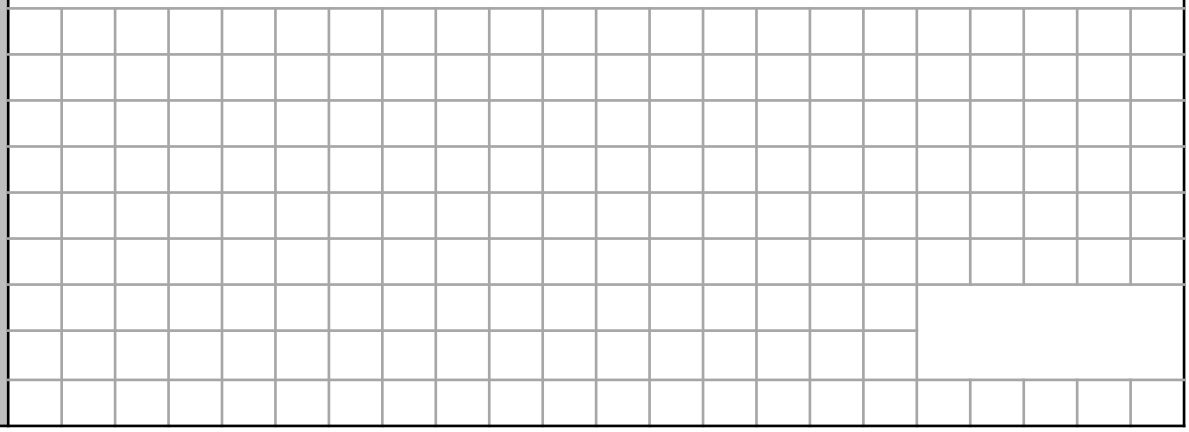
Arithmetic – Finding Percentages

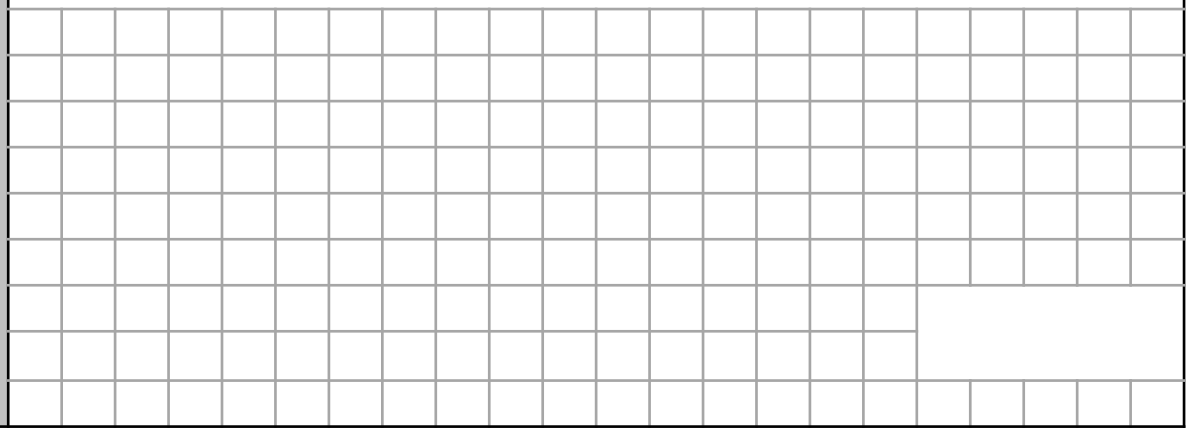
7 10% of 200 =



8 50% of 472 =



9 10% of 260 =



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Arithmetic – Finding Percentages

10 50% of 640 =

11 50% of 874 =

12 10% of 150 =

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Arithmetic – Finding Percentages

1 20% of 500 =

2 25% of 844 =

3 20% of 530 =

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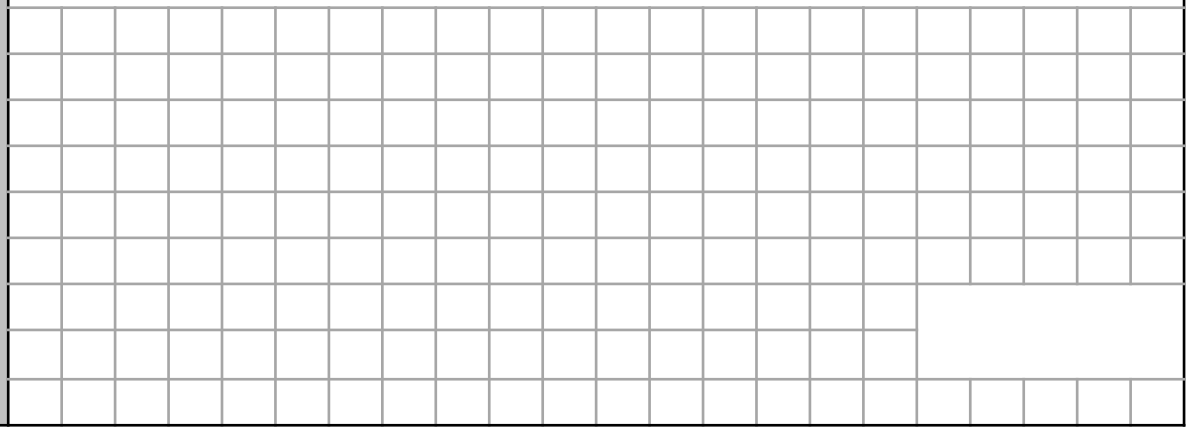
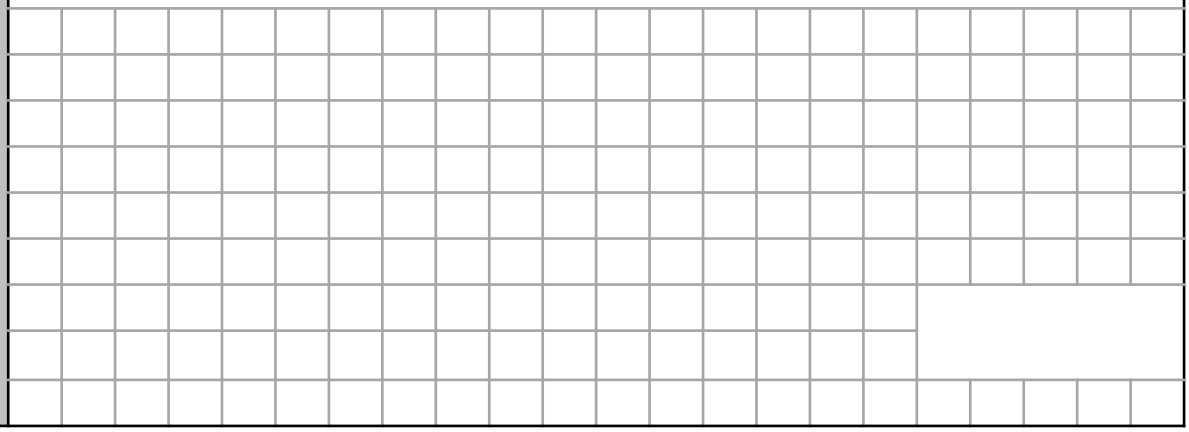
Arithmetic – Finding Percentages

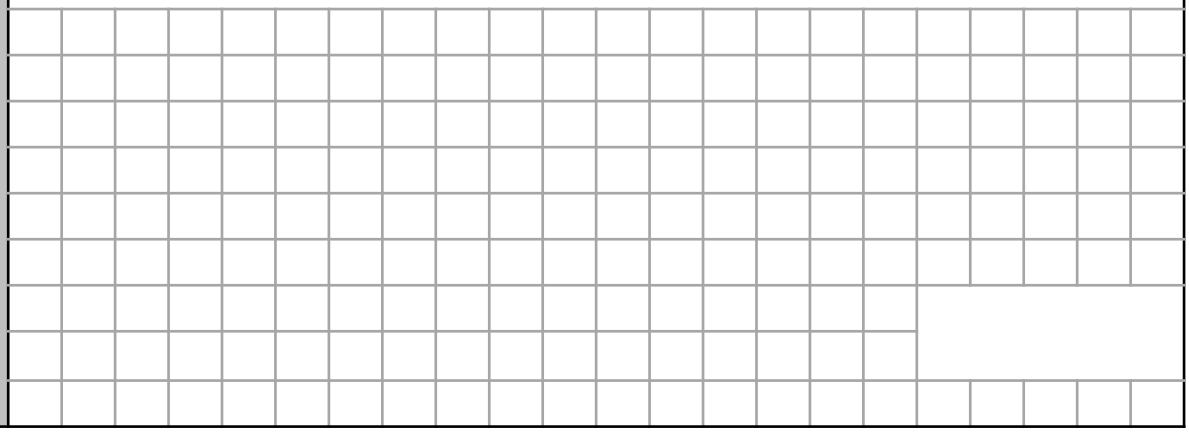
4 25% of 200 =



5 20% of 800 =



6 25% of 400 =



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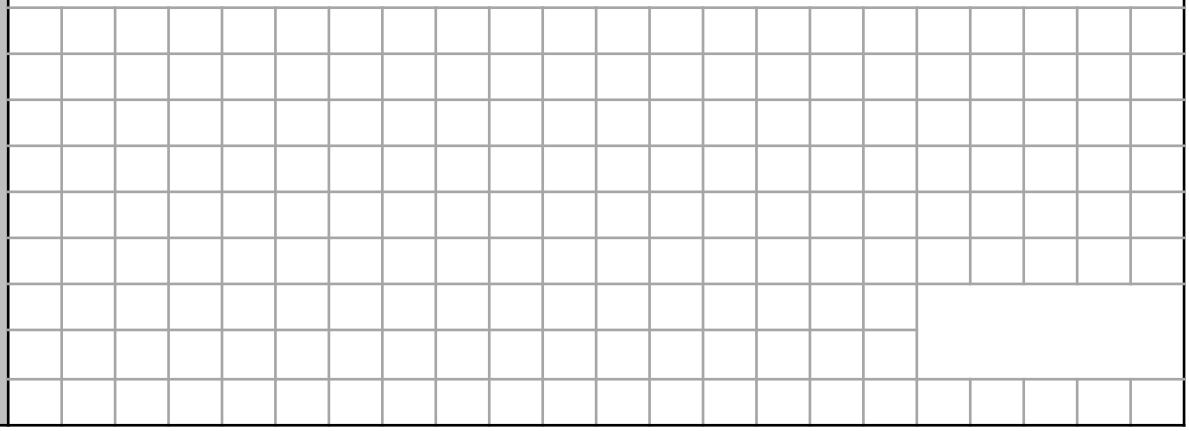
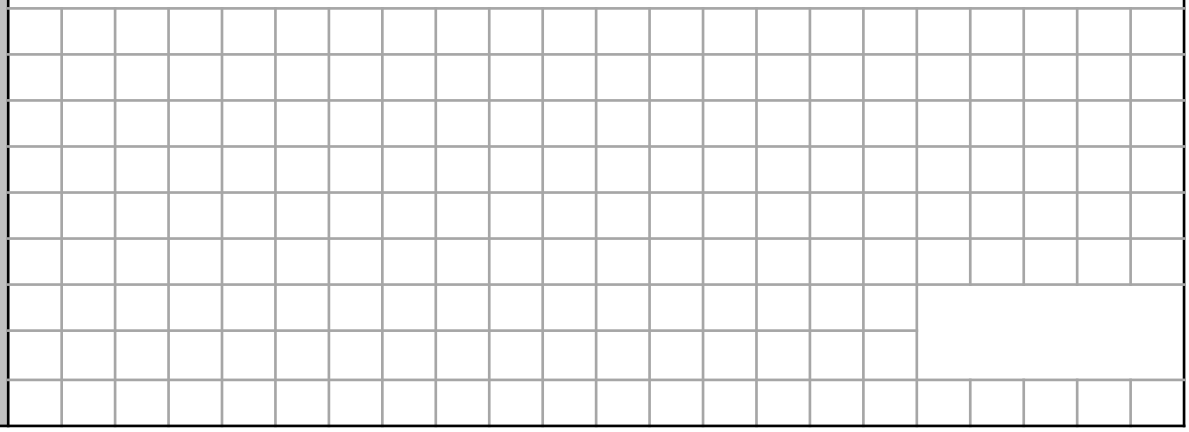
Arithmetic – Finding Percentages

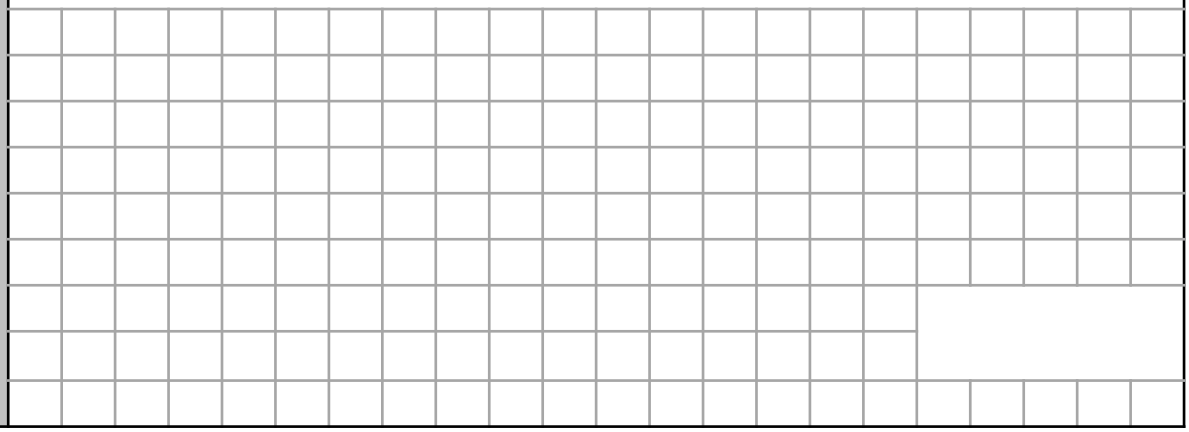
7 20% of 550 =



8 20% of 895 =



9 25% of 464 =



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Arithmetic – Finding Percentages

10 25% of 1000 =

11 25% of 500 =

12 20% of 500 =

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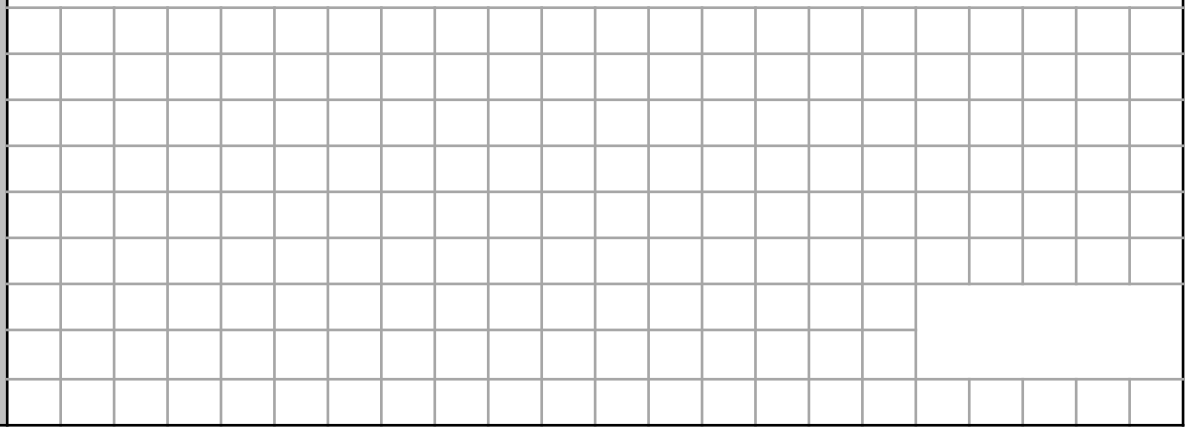
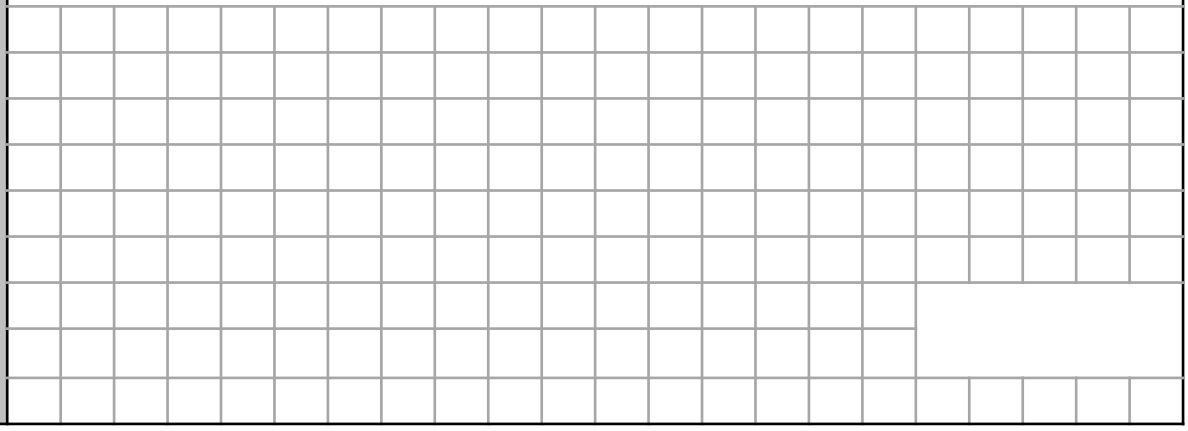
Arithmetic – Finding Percentages

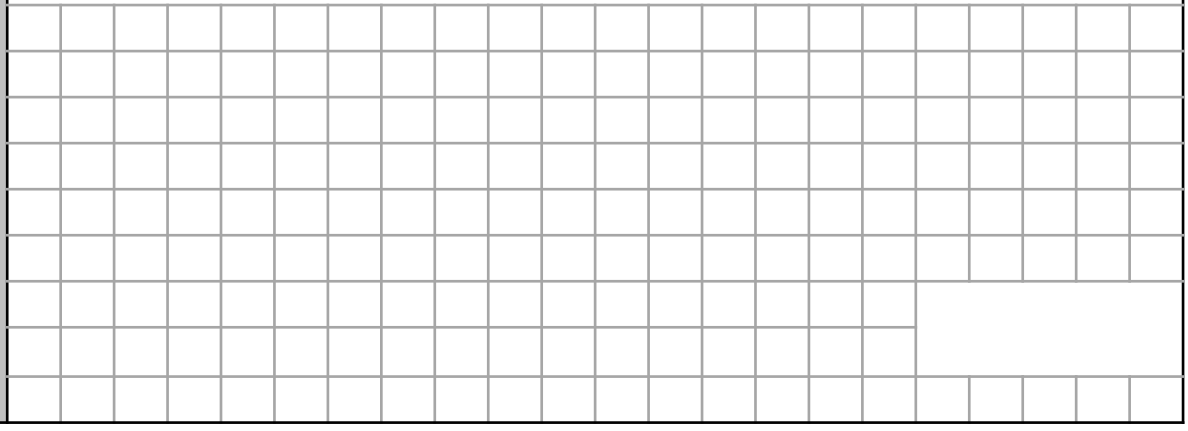
1 10% of 350 =



2 60% of 620 =



3 40% of 1860 =



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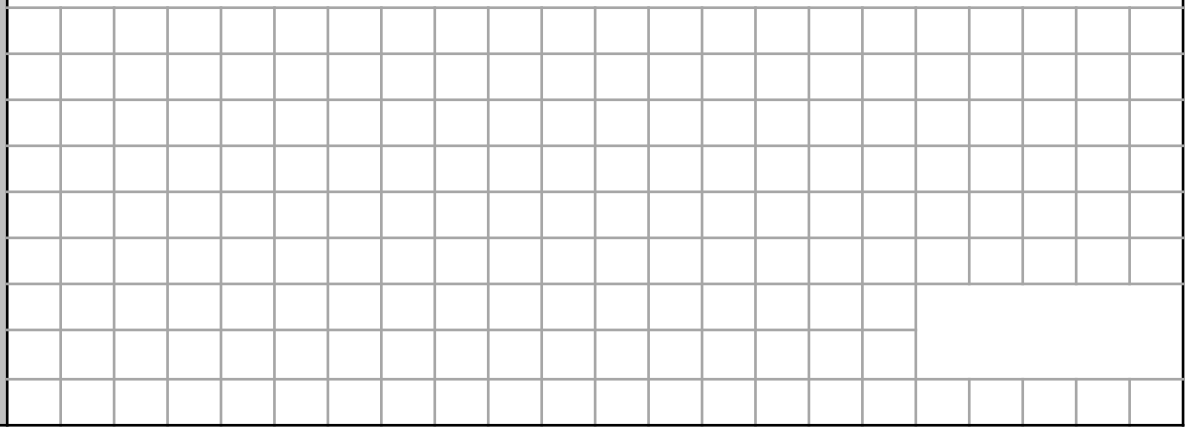
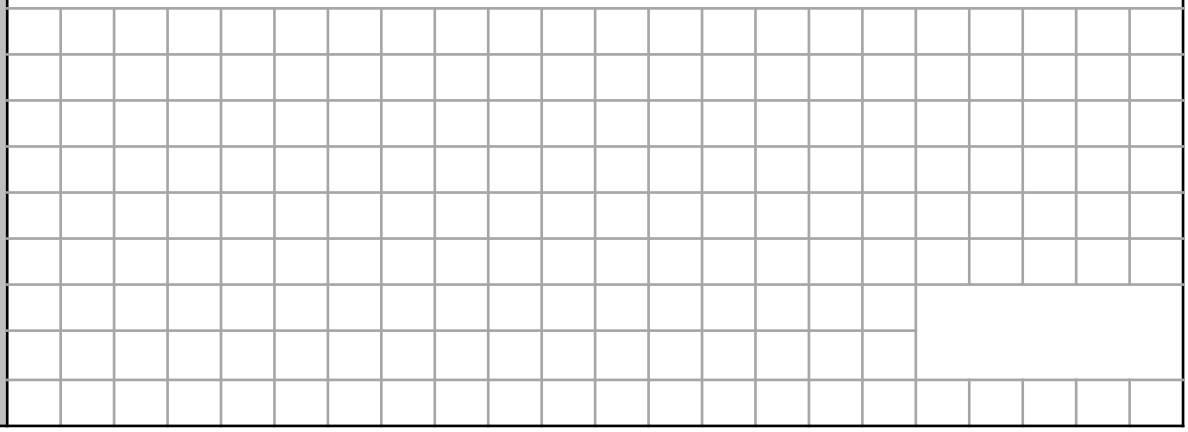
Arithmetic – Finding Percentages

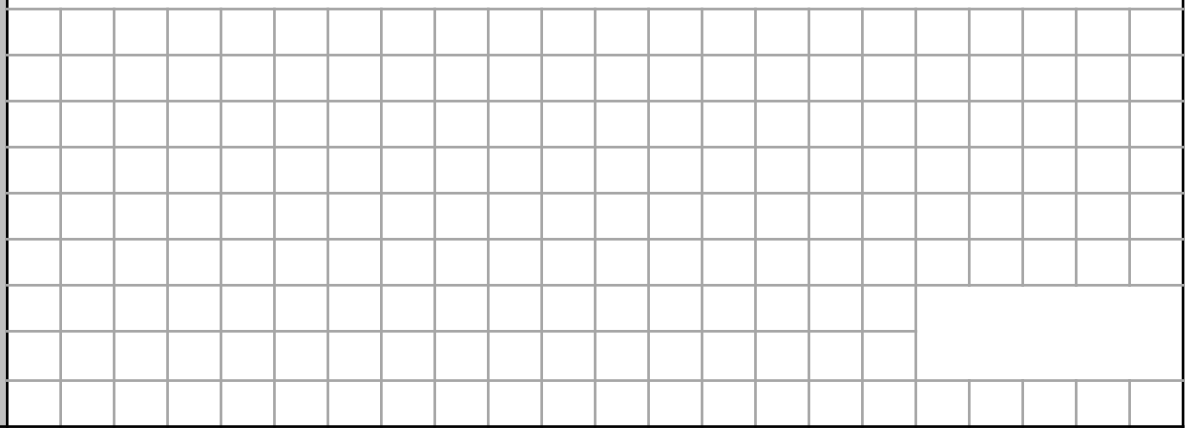
4 30% of 920 =



5 70% of 1400 =



6 20% of 845 =



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Arithmetic – Finding Percentages

7 80% of 3560 =

8 90% of 6450 =

9 30% of 7120 =

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Arithmetic – Finding Percentages

10 50% of 5694 =

11 30% of 2800 =

12 80% of 9210 =

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Arithmetic – Finding Percentages

1 25% of 3856 =

2 75% of 2840 =

3 35% of 2500 =

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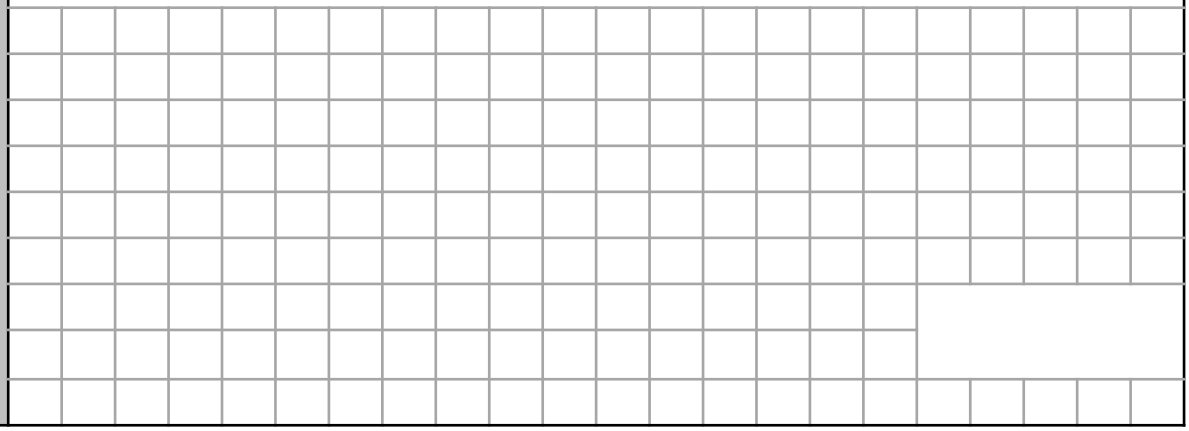
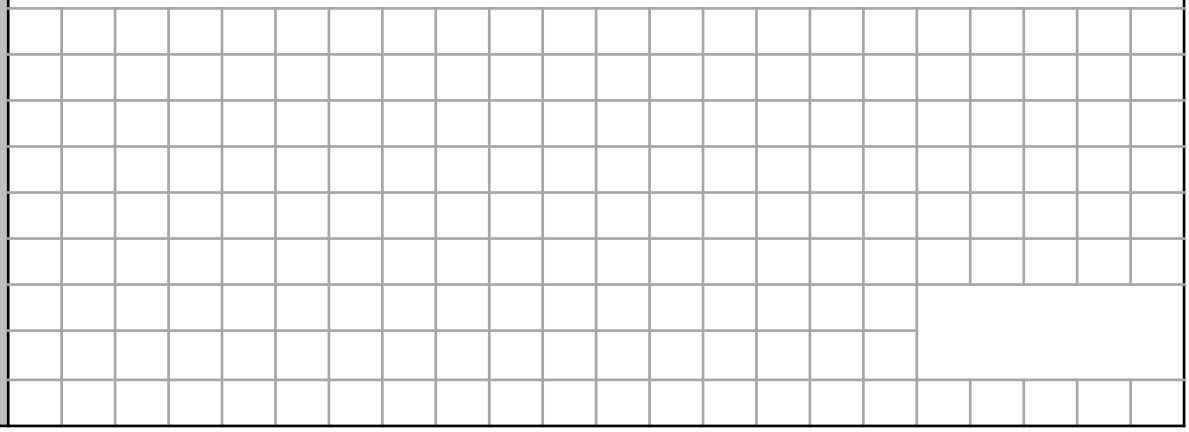
Arithmetic – Finding Percentages

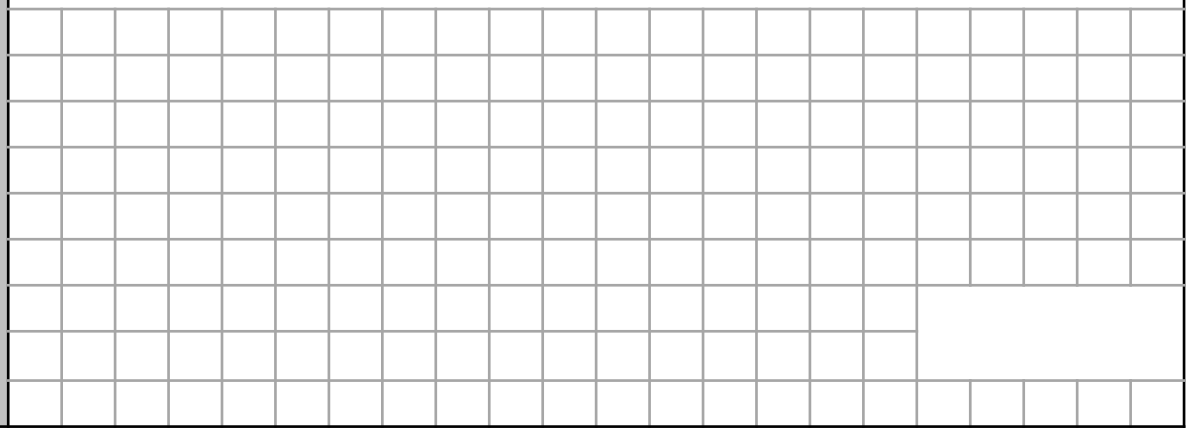
4 45% of 1200 =



5 85% of 8000 =



6 65% of 4700 =



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Arithmetic – Finding Percentages

7 55% of 6200 =

8 95% of 500 =

9 25% of 2556 =

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Arithmetic – Finding Percentages

10 55% of 4000 =

11 45% of 9500 =

12 65% of 6500 =

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Arithmetic – Finding Percentages

1 27% of 6200 =

2 32% of 800 =

3 87% of 900 =

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Arithmetic – Finding Percentages

4 56% of 1000 =

5 72% of 7500 =

6 91% of 5200 =

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Arithmetic – Finding Percentages

7 64% of 8200 =

8 83% of 5900 =

9 21% of 7500 =

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Arithmetic – Finding Percentages

10 35% of 620 =

11 12% of 550 =

12 52% of 5200 =

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Arithmetic – Finding Percentages

Beginner

1. 100
2. 400
3. 180
4. 64
5. 235
6. 450
7. 272
8. 111
9. 175
10. 360
11. 463
12. 289

Easy

1. 342
2. 23
3. 48
4. 51
5. 27
6. 468
7. 20
8. 236
9. 26
10. 320
11. 437
12. 15

Tricky

1. 100
2. 211
3. 106
4. 50
5. 160
6. 100
7. 110
8. 179
9. 116
10. 250
11. 125
12. 100

Expert

1. 35
2. 372
3. 744
4. 276
5. 980
6. 169
7. 2,848
8. 5,805
9. 2,136
10. 2,847
11. 840
12. 7,368

Brainbox

1. 964
2. 2,130
3. 875
4. 540
5. 6,800
6. 3,055
7. 3,410
8. 475
9. 639
10. 2,200
11. 4,275
12. 4,225

Genius

1. 1,674
2. 256
3. 783
4. 560
5. 5,400
6. 4,732
7. 5,248
8. 4,897
9. 1,575
10. 217
11. 66
12. 2,704

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