Comparing Percentages of Values Guided Lesson Explanation

The best way to attack all of these problems is to:

Step 1) convert all percentages to decimals.

Step 2) multiply the decimal by the given value.

Step 3) compare the values left.

1) 43% of 68 or 34% of 86

	43% of 68	34% of 86
Step 1	43% = 0.43	34% = 0.34
Step 2	0.43 x 68 = 29.24	0.34 x 86 = 29.94
Step 3	29.**24**	29.**94** **(Greater)**

34% of 86 is greater

2)   68% of 832 or 86% of 764

	68% of 832	86% of 764
Step 1	68% = 0.68	86% = 0.86
Step 2	0.68 x 832 = 565.76	0.86 x 764 = 657.04
Step 3	565.76	657.04 **(Greater)**

86% of 764 is greater

3) 75% of 574 or 25% of 2,463

	75% of 574	25% of 2,463
Step 1	75% = 0.75	25% = 0.25
Step 2	0.75 x 574 = 430.5	0.25 x 2463 = 615.75
Step 3	430.5	615.75 **(Greater)**

25% of 2,463 is greater.