Mental Subtraction with Three-Digit Numbers

| <u>Strategy 1:</u> Subtract in two parts | | <u>Strategy 2:</u> Use known facts | |
|---|---------------------------|--|--|
| First subtract to the previous whole ten. | | Use the single-digit subtraction facts. | |
| 82 – <u>7</u> | 273 – <u>9</u> | 454 – <u>8</u> = ? | |
| 82 – <u>2</u> – <u>5</u> | 273 – <u>3</u> – <u>6</u> | 14 – 8 is 6, so 454 – 8 will | |
| 80 - 5 = 75 | 270 - 6 = 264 | be in the previous ten (440s), and end in 6. So, it is 446. | |
| | | | |

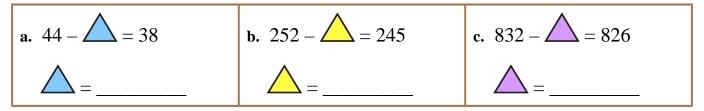
1. Subtract and compare the problems.

| a. 37 – 4 = | b. 77 – 9 = | c. $83 - 8 = $ |
|-----------------------|--------------------|-----------------------|
| 137 – 4 = | 277 – 9 = | 683 – 8 = |
| d. $44 - 8 = $ | e. $46 - 3 = $ | f. $91 - 5 = $ |
| 644 – 8 = | 346 – 3 = | 691 – 5 = |

2. Subtract in parts: First, subtract to the previous whole ten, then the rest.

| a. 152 – <u>6</u> | b. 244 – 9 | c. 823 – 8 |
|---------------------------------|-------------------|-------------------|
| 152 – <mark>2</mark> – <u>4</u> | 244 – – | 823 – – |
| = | = | = |
| d. 233 – 7 | e. 191 – 5 | f. 842 – 7 |
| | | |
| | | |

3. Solve what number goes in place of the triangle.



Sample worksheet from www.mathmammoth.com