Rapid Arithmetic

Set A

1. 16,244 + 2,853
2. What's the value of the underlined digit? 1<u>4</u>7,843
3. 12^2
4. 32,878 – 9,566
5. 2,465 ÷ 5
6. $\frac{2}{\square} = \frac{1}{5}$

Set B

1. 24,709 + 9,167
2. Write 5 tens and 2 hundred thousands using numerals.
3. $7^2 + \square^2 = 53$
4. 21,964 – 3,659
5. 1,262 ÷ 8
6. $\frac{6}{\square} = \frac{12}{\square}$

Set C

1. $\square$ + 28,087 = 33,959
2. Write 15 tens and 45 ten thousands using numerals.
3. $21 = \square^2 - \square^2$
4. 43,522 – 8,643
5. I have 1,111 limes and 7 are used for 1 pie. How many pies can I make?
6. Write two fractions equivalent to ten fiftieths.

Rapid Arithmetic

Set A

1. 16,244 + 2,853 = 19,097
2. What's the value of the underlined digit? 1<u>4</u>7,843 forty thousand
3. $12^2 = 144$
4. 32,878 − 9,566 = 23,312
5. 2,465 ÷ 5 = 493
6. $\frac{2}{\boxed{10}} = \frac{1}{5}$

Set B

1. 24,709 + 9,167 = 33,876
2. Write 5 tens and 2 hundred thousands using numerals. 200,050
3. $7^2 + \boxed{2}^2 = 53$
4. 21,964 − 3,659 = 18,305
5. 1,262 ÷ 8 = 157 r6
6. $\frac{6^*}{\boxed{12}} = \frac{12^*}{\boxed{24}}$

Set C

1. $\boxed{5{,}872}$ + 28,087 = 33,959
2. Write 15 tens and 45 ten thousands using numerals. 450,150
3. $21 = \boxed{5}^2 - \boxed{2}^2$
4. 43,522 − 8,643 = 34,879
5. I have 1,111 limes and 7 are used for 1 pie. How many pies can I make? 158
6. Write two fractions equivalent to ten fiftieths. $\frac{5}{25}$, $\frac{1}{5}$*

*Various answers, one example given.

Rapid Arithmetic

Set A

1. 320 ÷ 8
2. $\frac{6}{5} = 1\frac{\square}{\square}$
3. Round to 247,807 to the nearest 10.
4. 56 x 21
5. Put in ascending order:
   5,981, 3,742, 4,764, 4,002
6. 45 + 155

Set B

1. 4,800 ÷ 80
2. $\frac{31}{4} = \square\frac{\square}{\square}$
3. Round 186,359 to the nearest 1,000.
4. 49 x 34
5. Put in ascending order:
   2,022, 2,012, 2,222, 2,200
6. 275 + 98

Set C

1. 40 = ☐ ÷ 60
2. Four and seven elevenths = $\frac{\square}{11}$
3. ☐ rounded to the nearest 10,000 = 510,000
4. There are 716 boxes of 13 cookies. How many cookies altogether?
5. The missing number has a digit sum of 19.
   15,621 > ☐ > 13,452
6. 465 – 97 – 97

Rapid Arithmetic

Set A

1. 320 ÷ 8 = 40

2. $\frac{6}{5} = 1\frac{1}{5}$

3. Round to 247,807 to the nearest 10. 247,810

4. 56 x 21 = 1,176

5. Put in ascending order:
   5,981, 3,742, 4,764, 4,002
   3,742, 4,002, 4,764, 5,981

6. 45 + 155 = 200

Set B

1. 4,800 ÷ 80 = 60

2. $\frac{31}{4} = 7\frac{3}{4}$

3. Round 186,359 to the nearest 1,000. 186,000

4. 49 x 34 = 1,666

5. Put in ascending order:
   2,022, 2,012, 2,222, 2,200
   2,012, 2,022, 2,200, 2,222

6. 275 + 98 = 373

Set C

1. 40 = 2,400 ÷ 60

2. Four and seven elevenths = $\frac{51}{11}$

3. 514,999* rounded to the nearest 10,000 = 510,000

4. There are 716 boxes of 13 cookies. How many cookies altogether? 9,308

5. The missing number has a digit sum of 19.
   15,621 > 14,662* > 13,452

6. 465 – 97 – 97 = 271

*Various answers, one example given.

Rapid Arithmetic

Set A

1. 870, 970, ☐, 1,170
2. Write CXVIII in digits.
3. 0.5 x 10
4. Compare using <, > or =:
   $\frac{3}{7}$ ☐ $\frac{6}{14}$
5. -7 + 4 =
6. Round to nearest 100 to estimate the answer.
   258 + 135

Set B

1. 4,991, ☐, ☐, 5,021
2. Write 754 in Roman numerals.
3. 0.07 x 10
4. $\frac{2}{\square} < \frac{1}{4}$
5. ☐ + 9 = -3
6. Round to nearest 10 to estimate the answer.
   179 + 528

Set C

1. 1st term of a sequence counting back in 100s is 34,160. 6th term = ☐
2. Write the answer in Roman numerals:
   CVI + ☐ = CXX
3. ☐ x 100 = 67
4. $\frac{1}{2} < \frac{4}{\square} < \frac{9}{\square}$
5. Add 16 to -40, then subtract 4.
6. Round to nearest 100 to estimate the answer.
   961 + 837

Rapid Arithmetic

Set A

1. 870, 970, [1,070], 1,170
2. Write CXVIII in digits. 118
3. 0.5 x 10 = 5
4. Compare using <, > or =:
   $\frac{3}{7}$ [=] $\frac{6}{14}$
5. -7 + 4 = -3
6. Round to nearest 100 to estimate the answer.
   258 + 135
   300 + 100 = 400

Set B

1. 4,991, [5,001], [5,011], 5,021
2. Write 754 in Roman numerals. DCCLIV
3. 0.07 x 10 = 0.7
4. $\frac{2*}{[9]} < \frac{1}{4}$
5. [-12] + 9 = -3
6. Round to nearest 10 to estimate the answer.
   179 + 528
   180 + 530 = 710

Set C

1. 1st term of a sequence counting back in 100s is 34,160. 6th term = [33,660]
2. Write the answer in Roman numerals:
   CVI + [XIV] = CXX
3. [0.67] x 100 = 67
4. $\frac{1}{2} < \frac{4*}{[7]} < \frac{9*}{[9]}$
5. Add 16 to -40, then subtract 4. -28
6. Round to nearest 100 to estimate the answer.
   961 + 837
   1,000 + 800 = 1,800

*Various answers, one example given.