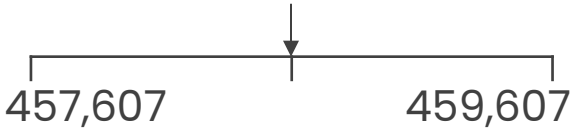
Rapid Arithmetic

Set A

1. 

2. What year is MMI?

3. $6\frac{3}{4} = \frac{\square}{4}$

4. I had 1 kg of flour, used 450 g and then 35 g. How much is left?

5. $3^3 =$

6. 89,452 – 11,100

Set B

1. $\square - 1{,}000 = 369{,}087$

2. What year is MMXXIV?

3. $7\frac{3}{7} = \frac{\square}{\square}$

4. I had 1.6 kg of flour, used 400 g then 750 g. How much is left?

5. $\square^3 = 125$

6. $\square + 21{,}450 = 57{,}900$

Set C

1. Count back in 1,000s from 17,990. Which number is closest to 0?

2. Write the year 2019 in Roman numerals.

3. $3\frac{7}{10} + 5\frac{9}{10} = \frac{\square}{\square}$

4. I had 1.7 kg of flour, used half, then 210 g. How much is left?

5. The volume of a cube is 64 cm³. What is length of one edge?

6. Find 2 numbers between 10,000 and 20,000 with a sum of 31,183.

Rapid Arithmetic

Set A

1. 457,607 **458,607** 459,607

2. What year is MMI? **2001**

3. $6\frac{3}{4} = \frac{\boxed{27}}{4}$

4. I had 1 kg of flour, used 450 g and then 35 g. How much is left? **515 g**

5. $3^3 = 27$

6. 89,452 − 11,100 = **78,352**

Set B

1. **370,087** − 1,000 = 369,087

2. What year is MMXXIV? **2024**

3. $7\frac{3}{7} = \frac{\boxed{52}}{\boxed{7}}$

4. I had 1.6 kg of flour, used 400 g then 750 g. How much is left? **450 g**

5. $\boxed{5}^3 = 125$

6. **36,450** + 21,450 = 57,900

Set C

1. Count back in 1,000s from 17,990. Which number is closest to 0? **-10**

2. Write the year 2019 in Roman numerals. **MMXIX**

3. $3\frac{7}{10} + 5\frac{9}{10} = \frac{\boxed{96}}{\boxed{10}}$

4. I had 1.7 kg of flour, used half, then 210 g. How much is left? **640 g**

5. The volume of a cube is 64 cm³. What is length of one edge? **4 cm**

6. Find 2 numbers between 10,000 and 20,000 with a sum of 31,183. **11,711 + 19,472** *

*Various answers, one example given.

Rapid Arithmetic

Set A

1. Write nine hundred and forty-eight thousand in numerals.
2. 811,694 + 64,801
3. List all even multiples of 3 that are less than 30.
4. 364 ÷ 100
5. 694 ÷ 6
6. $\frac{1}{5}$ is greater than $\frac{\square}{15}$

Set B

1. Write six hundred and ten thousand, four hundred in numerals.
2. 456,176 + 34,951
3. List all multiples of 2, 3 and 6 that are less than 40.
4. 29 ÷ 100
5. 568 buttons are shared equally into 6 tubs. How many are leftover?
6. $\frac{5}{12}$ is greater than $\frac{\square}{\square}$

Set C

1. Answer one hundred and twelve thousand add nine hundred.
2. 96,467 + 48,657
3. List all multiples of 4 and 6 that are less than 50.
4. $\square$ ÷ 100 = 0.89
5. Write a division that has a remainder of 6.
6. $\frac{3}{\square}$ is greater than $\frac{7}{\square}$

Rapid Arithmetic

Set A

1. Write nine hundred and forty-eight thousand in numerals. 948,000
2. 811,694 + 64,801 = 876,495
3. List all even multiples of 3 that are less than 30. 6, 12, 18, 24
4. 364 ÷ 100 = 3.64
5. 694 ÷ 6 = 115 r4
6. $\frac{1}{5}$ is greater than $\frac{\boxed{2}}{15}$ *

Set B

1. Write six hundred and ten thousand, four hundred in numerals. 610,400
2. 456,176 + 34,951 = 491,127
3. List all multiples of 2, 3 and 6 that are less than 40. 6, 12, 18, 24, 30, 36
4. 29 ÷ 100 = 0.29
5. 568 buttons are shared equally into 6 tubs. How many are leftover? 4
6. $\frac{5}{12}$ is greater than $\frac{\boxed{1}}{\boxed{4}}$ *

Set C

1. Answer one hundred and twelve thousand add nine hundred. 121,000
2. 96,467 + 48,657 = 145,124
3. List all multiples of 4 and 6 that are less than 50. 12, 24, 36, 48
4. $\boxed{89}$ ÷ 100 = 0.89
5. Write a division that has a remainder of 6. 2,211 ÷ 7 = 315 r6*
6. $\frac{3}{\boxed{4}}$ is greater than $\frac{7}{\boxed{12}}$ *

*Various answers, one example given.

Rapid Arithmetic

Set A

1. Which is a prime factor of 30?
   1, 5, 6, 15, 30
2. What is 7 less than 3?
3. Round to the nearest 100 to estimate:
   212,479 – 112,519
4. $\square$ x 14 + 38 = 178
5. 325 x 20
6. 5 apples for every 3 people. How many apples for 15 people?

Set B

1. List the prime factors of 24.
2. 12, 6, $\square$, -6, $\square$, -18
3. Round to the nearest 100 to estimate:
   471,018 – 71,945
4. $\square$ x 8 – 48 = 48
5. A class of 31 each bring in 143 stickers. How many stickers in total?
6. I read 40 pages every hour. How many pages in 90 minutes?

Set C

1. Find the lowest number with 3 prime factors.
2. It increases by 2°C every day. Friday 6th is -3°C, what is Monday 9th?
3. Round to estimate:
   315,117 – 42,495
4. $\square^{*}$ x 8 + $\square^{*}$ = 100
5. A pitch is 105m long and 68m wide. What is the area of the pitch?
6. 12 eggs are used in 8 cakes. How many eggs used in 6 cakes?

Rapid Arithmetic

Set A

1. Which is a prime factor of 30?
   1, 5, 6, 15, 30
2. What is 7 less than 3? -4
3. Round to the nearest 100 to estimate:
   212,479 – 112,519 = 100,000
4. [10] x 14 + 38 = 178
5. 325 x 20 = 6,500
6. 5 apples for every 3 people. How many apples for 15 people? 25

Set B

1. List the prime factors of 24. 2 and 3
2. 12, 6, [0], -6, [-12], -18
3. Round to the nearest 100 to estimate:
   471,018 – 71,945 = 399,000
4. [12] x 8 – 48 = 48
5. A class of 31 each bring in 143 stickers. How many stickers in total? 4,433
6. I read 40 pages every hour. How many pages in 90 minutes? 60 pages

Set C

1. Find the lowest number with 3 prime factors. 30
2. It increases by 2°C every day. Friday 6th is -3°C, what is Monday 9th? 3°C
3. Round to estimate:
   315,117 – 42,495 = 300,000*
4. [11]* x 8 + [12]* = 100
5. A pitch is 105m long and 68m wide. What is the area of the pitch? 7,140m²
6. 12 eggs are used in 8 cakes. How many eggs used in 6 cakes? 9 eggs

*Various answers, one example given.