

Rapid Arithmetic

Set A

1. What is 10,000 more than 154,000?
2. Round 7,659 to the nearest 10.
3. $17,000 + 3,000$
4. What are the first three multiples of 6?
5. 324×12
6. $\frac{7}{11} + \frac{3}{11}$

Set B

1. How many lots of 10,000 more than 524,100 is 574,100?
2. Round 525,786 to the nearest 10,000.
3. + 17,500 = 30,000
4. What is the first common multiple of 6 and 8?
5. 14×267
6. $\frac{3}{4} + \frac{1}{8}$

Set C

1. 4 lots of 10,000 more than 298,919:
 is the greatest
2. number to be rounded to 9,500 to the nearest 100.
3. + 14,320 = 35,000
4. List the 2-digit common multiples of 3 and 8.
If 489 planes take off every day, 7,824 planes take off every days.
6. $\frac{\square}{12} + \frac{\square}{3} = \frac{3}{4}$

Rapid Arithmetic

Set A

1. What is 10,000 more than 154,000? **164,000**
2. Round 7,659 to the nearest 10. **7,660**
3. $17,000 + 3,000 = 20,000$
4. What are the first three multiples of 6? **6, 12, 18**
5. $324 \times 12 = 3,888$
6. $\frac{7}{11} + \frac{3}{11} = \frac{10}{11}$

Set B

1. How many lots of 10,000 more than 524,100 is 574,100? **5**
2. Round 525,786 to the nearest 10,000. **530,000**
3. **12,500** + 17,500 = 30,000
4. What is the first common multiple of 6 and 8? **24**
5. $14 \times 267 = 3,738$
6. $\frac{3}{4} + \frac{1}{8} = \frac{7}{8}$

Set C

1. 4 lots of 10,000 more than 298,919: **338,919**
9,450 is the greatest number to be rounded to 9,500 to the nearest 100.
2. **20,680** + 14,320 = 35,000
3. List the 2-digit common multiples of 3 and 8. **24, 48, 72, 96**
4. If 489 planes take off every day, 7,824 planes take off every **16** days.
6. $\frac{5}{12} + \frac{1}{3} = \frac{3}{4}$ *

*Various answers, one example given.

Rapid Arithmetic

Set A

Put in ascending order:

1. 453,671, 445,671, 443,671

2. Write 700 in Roman numerals.

3. $78,936 - 49,805$

4. Which prime factor of 10 can also be doubled to equal 10?

5. $3,932 \div 3$

6. $0.81 = \frac{\square}{\square}$

Set B

Complete these

1. ascending numbers:
 $132, _81, 13 _, 821, _32, 982$

2. Complete the year:
 $1914 = M _ M X _ _$

3. $63,419 - 38,265$

4. What is the smallest prime factor of 30?

5. Round the answer to the nearest whole number:
 $2,584 \div 3$

6. $0.75 = \frac{\square}{100} = \frac{\square}{4}$

Set C

Write 3 6-digit numbers, each with a digit sum of 12, in descending order.

1. Write 10 years after MCXC in Roman numerals.

3. $40,537 - 19,625$

4. What are the prime factors of 90?

5. 1,114 cm of ribbon is cut into 4 equal pieces. Each piece:

6. $0.65 = \frac{\square}{100} = \frac{\square}{\square}$

Rapid Arithmetic

Set A

Put in ascending order:

1. 453,671, 445,671, 443,671
443,671, 445,671, 453,671

2. Write 700 in Roman numerals. **DCC**

3. $78,936 - 49,805 = \mathbf{29,131}$

4. Which prime factor of 10 can also be doubled to equal 10? **5**

5. $3,932 \div 3 = \mathbf{1,310 \text{ r}2}$

6. $0.81 = \frac{\boxed{81}}{\boxed{100}}$

Set B

Complete these

1. ascending numbers:
 $132,581, 132,821, \mathbf{432,982^*}$

2. Complete the year:
 $1914 = \text{M } \mathbf{C} \text{ M X I V}$

3. $63,419 - 38,265 = \mathbf{25,154}$

4. What is the smallest prime factor of 30? **2**

5. Round the answer to the nearest whole number:
 $2,584 \div 3 = \mathbf{861}$

6. $0.75 = \frac{\boxed{75}}{100} = \frac{\boxed{3}}{4}$

Set C

Write 3 6-digit numbers, each with a digit sum of 12, in descending order.

1. **$341,004, 280,200, 141,051^*$**

2. Write 10 years after MCXC in Roman numerals. **MCC**

3. $40,537 - 19,625 = \mathbf{20,912}$

4. What are the prime factors of 90? **2, 3, 5**

5. 1,114 cm of ribbon is cut into 4 equal pieces. Each piece: **278.5 cm**

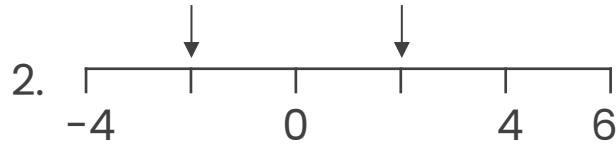
6. $0.65 = \frac{\boxed{65}}{100} = \frac{\boxed{13}}{\boxed{20}}$

*Various answers, one example given.

Rapid Arithmetic

Set A

1. What digit represents ten thousand in 519,014?



3. Estimate by rounding to the nearest 100:
 $4,972 + 5,039$

4. $\square^2 = 25$

5. If 5 cakes need 2 eggs, how many eggs are needed for 15 cakes?

6. Round 65.37 to the nearest whole number.

Set B

1. In words, what is the value of the 3 in 534,098?



3. Estimate by rounding to the nearest 100:
 $3,165 + 4,123$

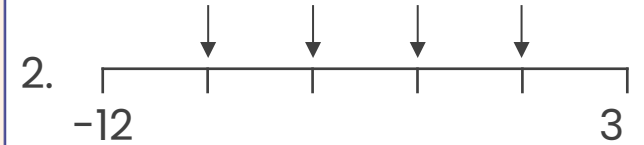
4. $\square^3 = 27$

5. A recipe uses 0.5 L of milk per serving. How much milk is in 12 servings?

6. Round the answer to the nearest whole number:
 $14.78 - 3$

Set C

1. Write the smallest 6-digit number with 3 tens.



3. Find the smallest possibility when rounding to the nearest 100:
 $2,643 + \square = 11,400$

4. $\square^3 + \square^3 = 152$

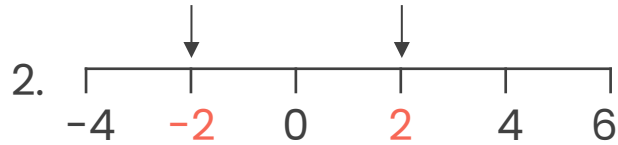
5. 3 cakes = 1,425 g of flour
5 cakes =

6. Round the answer to the nearest whole number:
 $168 \div 100$

Rapid Arithmetic

Set A

1. What digit represents ten thousand in 519,014? **1**



3. Estimate by rounding to the nearest 100:
 $4,972 + 5,039 = 10,000$

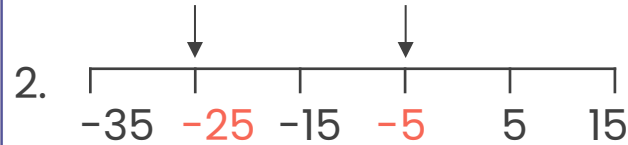
4. $\boxed{5}^2 = 25$

5. If 5 cakes need 2 eggs, how many eggs are needed for 15 cakes? **6**

6. Round 65.37 to the nearest whole number.
65

Set B

- In words, what is the value of the 3 in 534,098?
thirty thousand



3. Estimate by rounding to the nearest 100:
 $3,165 + 4,123 = 7,300$

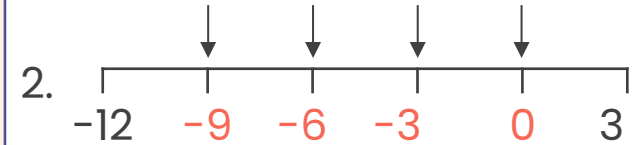
4. $\boxed{3}^3 = 27$

5. A recipe uses 0.5 L of milk per serving. How much milk is in 12 servings? **6 L**

6. Round the answer to the nearest whole number:
 $14.78 - 3 = 12$

Set C

- Write the smallest 6-digit number with 3 tens.
100,030



3. Find the smallest possibility when rounding to the nearest 100:
 $2,643 + \boxed{8,750} = 11,400$

4. $\boxed{5}^3 + \boxed{3}^3 = 152$

5. 3 cakes = 1,425 g of flour
5 cakes = **2,375 g of flour**

6. Round the answer to the nearest whole number:
 $168 \div 100 = 2$

*Various answers, one example given.