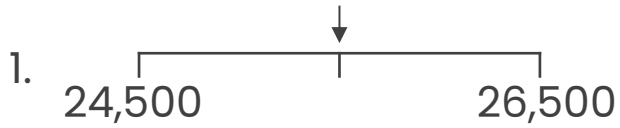


Rapid Arithmetic

Set A



2. Write 250 in Roman numerals.

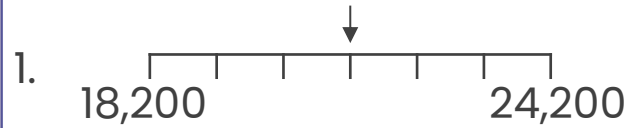
3. $46,218 + 13,781$

4. List all the factors of 28.

5. 11×405

6. $\frac{3}{5} + \frac{4}{5} = \frac{\square}{\square} = 1 \frac{2}{5}$

Set B



2. What year is MMXVIII?

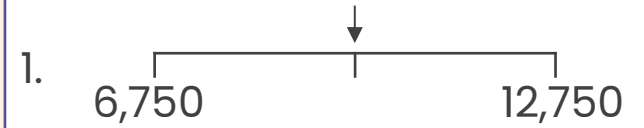
3. $18,726 + 36,242$

4. List all the common factors of 16 and 32.

5. 16×210

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

Set C



2. A museum opened 550 years after MCDXLV. When did it open?

3. $8,719 + 31,344$

4. Write all the common factors of 12, 18 and 60.

5. 14×283

6. $\frac{8}{3} + \frac{5}{9} = \frac{\square}{\square} \frac{\square}{\square}$

Rapid Arithmetic

Set A

1.
$$\begin{array}{c} \downarrow \\ \hline 24,500 \quad 25,500 \quad 26,500 \end{array}$$

2. Write 250 in Roman numerals. **CCL**

3. $46,218 + 13,781 = 59,999$

4. List all the factors of 28. **1, 2, 4, 7, 14, 28**

5. $11 \times 405 = 4,455$

6. $\frac{3}{5} + \frac{4}{5} = \frac{\boxed{7}}{\boxed{5}} = 1 \frac{2}{5}$

Set B

1.
$$\begin{array}{c} \downarrow \\ \hline 18,200 \quad 21,200 \quad 24,200 \end{array}$$

2. What year is MMXVIII? **2018**

3. $18,726 + 36,242 = 54,968$

4. List all the common factors of 16 and 32. **1, 2, 4, 8**

5. $16 \times 210 = 3,360$

6. $\frac{5}{7} + \frac{3}{7} = \frac{\boxed{1}}{\boxed{7}} \frac{\boxed{1}}{\boxed{7}}$

Set C

1.
$$\begin{array}{c} \downarrow \\ \hline 6,750 \quad 9,750 \quad 12,750 \end{array}$$

2. A museum opened 550 years after MCDXLV. When did it open? **1995**

3. $8,719 + 31,344 = 40,063$

4. Write all the common factors of 12, 18 and 60. **1, 2, 6**

5. $14 \times 283 = 3,962$

6. $\frac{8}{3} + \frac{5}{9} = \frac{\boxed{3}}{\boxed{9}} \frac{\boxed{2}}{\boxed{9}}$

Rapid Arithmetic

Set A

two thousand $< x > 2,023$

1. Write a possibility for x in numerals.

2.

-3		-1	0		2
----	--	----	---	--	---

3. Estimate by rounding to the nearest 100:
 99×102

4. List the prime numbers between 10 and 15.

5. $12 \times 100 = \square \times 20$

6. $\frac{\square}{4} > \frac{5}{8}$

Set B

1. Write a possibility for y in words: $5,500 < y$

2.

-20					30
-----	--	--	--	--	----

3. Estimate by rounding to the nearest 100:
 150×349

4. List the 2-digit prime numbers with 6 tens.

5. $240 \div 4 = \square \times 12$

6. $\frac{\square}{5} < \frac{\square}{10}$

Set C

1. Write a possibility for z in words: $1,115 < z > 1,255$

2.

-75					50
-----	--	--	--	--	----

3. Rounding to the nearest 10 equals 700. What is the multiplication?

4. Write two prime numbers with a sum of 50.

5. $\square \div 70 = 25 \div \square$

6. $\frac{\square}{4} > \frac{\square}{12} = \frac{\square}{2}$

Rapid Arithmetic

Set A

two thousand $< x >$ 2,023

1. Write a possibility for x in numerals. **2,001**

2.

-3	-2	-1	0	1	2
----	-----------	----	---	----------	---

Estimate by rounding to the nearest 100:

3. $99 \times 102 =$ **10,000**

4. List the prime numbers between 10 and 15. **11, 13**

5. $12 \times 100 =$

60

 $\times 20$

6.

3

^{*} $>$ $\frac{5}{8}$

Set B

Write a possibility for y in words: $5,500 < y$ **five thousand, six hundred**

2.

-20	-10	0	10	20	30
-----	------------	---	-----------	-----------	----

Estimate by rounding to the nearest 100:

3. $150 \times 349 =$ **60,000**

4. List the 2-digit prime numbers with 6 tens. **61, 67**

5. $240 \div 4 =$

5

 $\times 12$

6.

4

^{*} $<$

9

^{*} $\frac{10}{10}$

Set C

Write a possibility for z in words: $1,115 < z >$ 1,255 **one thousand, two hundred**

2.

-75	-50	-25	0	25	50
-----	------------	------------	---	-----------	----

Rounding to the nearest 10 equals 700. What is the multiplication? **71×14**

4. Write two prime numbers with a sum of 50. **$37 + 13$ ***

5.

350

^{*} $\div 70 = 25 \div$

5

^{*}

6.

3

 $>$

6

 $=$

1

 $\frac{12}{2}$

*Various answers, one example given.

Rapid Arithmetic

Set A

1. A 6-digit number with 4 thousands:
2. Round 34,856 to the nearest 10,000.
3. $86,529 - 3,427$
4. 2^3
5. $831 \div 3$
6. $0.7 = \frac{\square}{10}$

Set B

1. A 6-digit number with 2 tens and 5 thousands:

Write a number that
2. rounds to 80,000 to the nearest 10,000.
3. $62,138 - 46,706$
4. $\square^3 = 64$
5. 432 ml is poured equally into 6 cups. How much is in each cup?
6. $0.8 = \frac{8}{\square} = \frac{4}{\square}$

Set C

1. An odd 6-digit number with 4 tens and a digit sum of 16:

Write the highest number
2. that rounds to 40,000 to the nearest 100.
3. $18,074 - 9,697$
4. $3^3 + \square^2 = 52$
5. A carton holds 12 eggs. How many cartons are needed for 341 eggs?
6. Write 0.85 as a simplified fraction:

Rapid Arithmetic

Set A

1. A 6-digit number with 4 thousands: **104,000***
2. Round 34,856 to the nearest 10,000. **30,000**
3. $86,529 - 3,427 =$ **83,102**
4. $2^3 =$ **8**
5. $831 \div 3 =$ **277**
6. $0.7 = \frac{\boxed{7}}{10}$

Set B

1. A 6-digit number with 2 tens and 5 thousands: **105,220***
2. Write a number that rounds to 80,000 to the nearest 10,000. **76,211***
3. $62,138 - 46,706 =$ **15,432**
4. $\boxed{4}^3 = 64$
5. 432 ml is poured equally into 6 cups. How much is in each cup? **72 ml**
6. $0.8 = \frac{8}{\boxed{10}} = \frac{4}{\boxed{5}}$

Set C

1. An odd 6-digit number with 4 tens and a digit sum of 16: **404,143***
2. Write the highest number that rounds to 40,000 to the nearest 100. **40,049**
3. $18,074 - 9,697 =$ **8,377**
4. $3^3 + \boxed{5}^2 = 52$
5. A carton holds 12 eggs. How many cartons are needed for 341 eggs? **29**
6. Write 0.85 as a simplified fraction: $\frac{17}{20}$

*Various answers, one example given.