Rapid Arithmetic

Set A

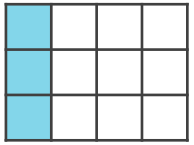
1. 45, 36, ☐, 18, ☐, 0

2. ☐ has 5 thousands, 3 hundreds and 2 ones.

3. Round 8,432 to the nearest 1,000.

4. 54 ÷ 6

5. 304 ÷ 1

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

Set B

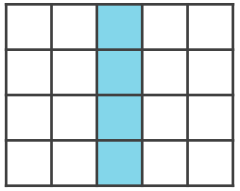
1. 63, ☐, ☐, 90, ☐, 108

2. ☐ has 3 thousands and 5 tens.

3. Which number rounds to 5,000? 4,516 or 5,614.

4. 48 ÷ ☐ = 8

5. 312 ÷ ☐ = 312

6.  = $\frac{1}{\square}$

Set C

1. Which is not a multiple of 9: 117, 135, 225 or 289?

2. ☐ has 4 thousands, 15 hundreds and 11 ones.

3. Which number rounds to 1,000? 1,674, 499 or 1,367.

4. 8 = ☐ ÷ 8

5. What number, when divided by 1, will also equal 1?

6. $\frac{\square}{\square} = \frac{1}{3} = \frac{\square}{\square}$

Rapid Arithmetic

Set A

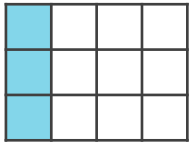
1. 45, 36, [27], 18, [9], 0

2. [5,302] has 5 thousands, 3 hundreds and 2 ones.

3. Round 8,432 to the nearest 1,000. 8,000

4. 54 ÷ 6 = 9

5. 304 ÷ 1 = 304

6.  = $\frac{1}{4}$

Set B

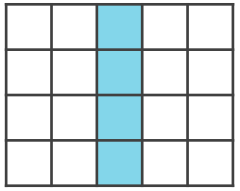
1. 63, [72], [81], 90, [99], 108

2. [3,050] has 3 thousands and 5 tens.

3. Which number rounds to 5,000? 4,516 or 5,614. 4,516

4. 48 ÷ [6] = 8

5. 312 ÷ [1] = 312

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

Set C

1. Which is not a multiple of 9: 117, 135, 225 or 289? 289

2. [5,511] has 4 thousands, 15 hundreds and 11 ones.

3. Which number rounds to 1,000? 1,674, 499 or 1,367. 1,367

4. 8 = [64] ÷ 8

5. What number, when divided by 1, will also equal 1? 1

6. $\frac{2}{6} = \frac{1}{3} = \frac{3}{9}$*

*Various answers, one example given.

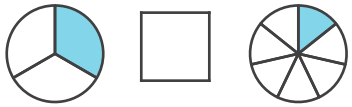
Rapid Arithmetic

Set A

1. Compare using < or >:
   5,634 ☐ 5,346
2. Write 18 in Roman numerals.
3.

4	2	0		-4	-6

4. $\frac{4}{10}$, $\frac{5}{10}$, $\frac{6}{10}$, $\frac{\square}{\square}$
5. I had £12. I found 50p and was given £1.25. What is the total now?
6. Compare using < or >:



Set B

1. 8,3_4 < 8,_06
2. Write the answer in Roman numerals: 4 x 10.
3.

10		0	-5		-15

4. $\frac{15}{10}$, $\frac{\square}{\square}$, $\frac{13}{10}$, $\frac{12}{10}$
5. I have £2, 50p, 20p, 5p, 10p and two 2p coins. What is the total?
6. Compare using < or >:
   $\frac{1}{5}$ ☐ $\frac{1}{2}$

Set C

1. 4,391 < ☐ < 4,539
2. Write the product of 6 and 7 in Roman numerals.
3.

	4			-8	

4. 0.9, ☐, 0.7, ☐, 0.5
5. I had £10. I spent £1.25 and lost £3. How much is left?
6. Which is greater an eighth or a tenth?

Rapid Arithmetic

Set A

1. Compare using < or >:
   5,634 [>] 5,346

2. Write 18 in Roman numerals. XVIII

3.

4	2	0	-2	-4	-6

4. $\frac{4}{10}$, $\frac{5}{10}$, $\frac{6}{10}$, $\frac{7}{10}$

5. I had £12. I found 50p and was given £1.25. What is the total now? £13.75

6. Compare using < or >:

Set B

1. 8,354 < 8,406*

2. Write the answer in Roman numerals: 4 x 10. XL

3.

10	5	0	-5	-10	-15

4. $\frac{15}{10}$, $\frac{14}{10}$, $\frac{13}{10}$, $\frac{12}{10}$

5. I have £2, 50p, 20p, 5p, 10p and two 2p coins. What is the total? £2.89

6. Compare using < or >:
   $\frac{1}{5}$ [<] $\frac{1}{2}$

Set C

1. 4,391 < 4,477 < 4,539*

2. Write the product of 6 and 7 in Roman numerals. XLII

3.

8	4	0	-4	-8	-12

4. 0.9, 0.8, 0.7, 0.6, 0.5

5. I had £10. I spent £1.25 and lost £3. How much is left? £5.75

6. Which is greater an eighth or a tenth? An eighth

*Various answers, one example given.

Rapid Arithmetic

Set A

1.

3,791	1,000

2. 16 x 9

3. What is 48 less than 569?

4. $\frac{5}{8} < \frac{\square}{4}$

5. A pipe leaks 120 ml an hour. How much has leaked in 3 hours?

6. $\frac{6}{14} + \frac{4}{14} = \frac{\square}{\square}$

Set B

1.

1,000	1,000	800	60	2

2. 36 x 3

3. 284 – 165

4. $\frac{2}{\square} < \frac{\square}{6}$

5. A tap leaks 8 ml every half an hour. How much water is lost in 3 hours?

6. $\frac{6}{10} + \frac{\square}{10} = \frac{9}{\square}$

Set C

1.

2,200	1,000	320	12	3

2. 17 x 8

3. 324 – 88

4. Two fractions greater than 3 quarters.

5. A tap leaks 25 ml an hour. How long will it take to lose 1 L of water?

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

Rapid Arithmetic

Set A

1.

4,791	
3,791	1,000

2. 16 x 9 = 144

3. What is 48 less than 569? 521

4. $\frac{5}{8} < \frac{3}{4}$

5. A pipe leaks 120 ml an hour. How much has leaked in 3 hours? 360 ml

6. $\frac{6}{14} + \frac{4}{14} = \frac{10}{14}$

Set B

1.

2,862				
1,000	1,000	800	60	2

2. 36 x 3 = 108

3. 284 – 165 = 119

4. $\frac{2}{3} < \frac{5}{6}$

5. A tap leaks 8 ml every half an hour. How much water is lost in 3 hours? 48 ml

6. $\frac{6}{10} + \frac{3}{10} = \frac{9}{10}$

Set C

1.

3,535				
2,200	1,000	320	12	3

2. 17 x 8 = 136

3. 324 – 88 = 236

4. Two fractions greater than 3 quarters. $\frac{7}{8}$ $\frac{8}{9}$ *

5. A tap leaks 25 ml an hour. How long will it take to lose 1 L of water? 40 hours

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

*Various answers, one example given.