Greek Orthodox Patriarchate School
International - Fuhies

Worksheet

Name:		Subject:	Math- Multiplication and division WS
Class:		Date:	

Q1) Calculate the answer of the following:

9 x 600 = 5400	1 x 600 = 600
6 x 70 = 420	2 x 70 = 140
8 x 200 = 1600	8 x 900 = 7200
2 x 30 = 60	8 x 80 = 640
5 x 70 = 350	9 x 700 = 6300
8 x 300 = 2400	9 x 50 = 450
9 x 200 = 1800	6 x 400 = 2400
2 x 900 = 1800	5 x 300 = 1500
7 x 70 = 490	6 x 90 = 540
9 x 90 = 810	4 x 50 = 200
4 x 500 = 2000	3 x 20 = 60

Q2) Find the value of the following:

a) 52 x 4 = 208

		5	2
			4
	2	0	8

b) 753 x 9 = 6777

	7	5	3
			9
6	7	7	7

c) 962 x 6 = 5772

		9	6	2
				6
	5	7	7	2

d) 369 x 8 = 2952

		3	6	9
				8
	2	9	5	2

e) 4527 x 3 = 13581

	4	5	2	7
				3
1	3	5	8	1

Q3) April 2025 P1

A baker uses 1355 kg of flour every day.

Calculate how much flour the baker uses in 7 days.

	1	3	5	5
x				7
	9	4	8	5

9485 .... kg [1]

Q4) Find the product of the following:

a) 852 x 71 = 60492

			8	5	2
×				7	1
+			8	5	2
+		5	9	6	4
=		6	0	4	9	2

b) 459 x 25 = 11475

			4	5	9
×				2	5
+			2	2	9	5
+			9	1	8
=		1	1	4	7	5

c) 729 x 84 = 61236

			7	2	9
×				8	4
+			2	9	1	6
+		5	8	3	2
=		6	1	2	3	6

d) 355 x 15 = 5325

			3	5	5
×				1	5
+		1	7	7	5
+		3	5	5
=		5	3	2	5

e) 7512 x 23 = 172776

			7	5	1	2
×					2	3
+			2	2	5	3	6
+		1	5	0	2	4
=		1	7	2	7	7	6

Q5) April 2024 P1

An aeroplane carries 269 passengers each day.

Calculate the total number of passengers the aeroplane carries in 28 days.

		2	6	9
×			2	8
+		2	1	5	2
+		5	3	8
=		7	5	3	2

7532 .... [1]

Q6) Calculate the following:

a) 42.5x 5.6= 238.00=238

			4	2	5
×				5	6
+		2	5	5	0
+	2	1	2	5	
=	2	3	8	0	0

b) 2.36 x 0.4 = 0.944

		2	3	6
×				4
+		9	4	4
=		9	4	4

c) 5.28 x 1.7 = 8.976

		5	2	8
×			1	7
+	3	6	9	6
+	5	2	8	
=	8	9	7	6

d) 1.25 x 91= 113.75

			1	2	5
×				9	1
+			1	2	5
+	1	1	2	5	
=	1	1	3	7	5

e) 0.257 x 6.3 = 1.6791

		2	5	7
×			6	3
+		7	7	1
+	1	5	4	2
=	1	6	1	9	1

f) 0.3 x 8 = 2.4

g) 0.8 x 0.9 = 0.72

h) 0.5 x 2 = 1.0=1

i) 0.7 x 5 = 3.5

Q7) Find the value of the following then write divisible or indivisible

a) 755 ÷ 5 = _151_

```
    151
5)755
  - 5
    25  ·
  - 25
    05
   - 5
     0
```

b) 417 ÷ 3 = _139_

```
    139
3)417
  - 3
    11
   - 9
    27
  - 27
     0
```

c) 853 ÷ 7 = _121 R 6_

```
  121 R6
7)853
 - 7
   15
 - 14
    13
   - 7 .
     6
```

d) 2897 ÷ 9= _321 R 8_

```
   321 R8
9)2897
 - 27
   19
 - 18
    17
   - 9
     8
```

e) 5236 ÷ 8 = _654 R 4_

```
   654 R4
8)5236
 - 48
   43
 - 40
    36
  - 32
     4
```

Q8) Find the value of the following

a) $216 \div 6 = \underline{36}$

$$\begin{array}{r} 36 \\ 6\overline{)216} \\ -18 \\ \hline 36 \\ -36 \\ \hline 0 \end{array}$$

b) $134 \div 7 = \underline{19R1}$

$$\begin{array}{r} 19\ R1 \\ 7\overline{)134} \\ -7 \\ \hline 64 \\ -63 \\ \hline 1 \end{array}$$

c) $450 \div 9 = \underline{50}$

$$\begin{array}{r} 50 \\ 9\overline{)450} \\ -45 \\ \hline 00 \\ -0 \\ \hline 0 \end{array}$$

d) $213 \div 5 = \underline{42\ R\ 3}$

$$\begin{array}{r} 42\ R3 \\ 5\overline{)213} \\ -20 \\ \hline 13 \\ -10 \\ \hline 3 \end{array}$$

e) $673 \div 8 = \underline{84\ R\ 1}$

$$\begin{array}{r} 84\ R1 \\ 8\overline{)673} \\ -64 \\ \hline 33 \\ -32 \\ \hline 1 \end{array}$$

Q9) Calculate the value of the following:

a) $720 \div 12 = 60$

$$
\begin{array}{r}
60 \\
12\overline{)720} \\
-72 \\
\hline
00 \\
-0 \\
\hline
0
\end{array}
$$

b) $125 \div 25 = 5$

$$
\begin{array}{r}
5 \\
25\overline{)125} \\
-125 \\
\hline
0
\end{array}
$$

c) $345 \div 15 = 23$

$$
\begin{array}{r}
23 \\
15\overline{)345} \\
-30 \\
\hline
45 \\
-45 \\
\hline
0
\end{array}
$$

d) $144 \div 12 = 12$

$$
\begin{array}{r}
12 \\
12\overline{)144} \\
-12 \\
\hline
24 \\
-24 \\
\hline
0
\end{array}
$$

e) $854 \div 23 = 37 \, R \, 3$

$$
\begin{array}{r}
37 \, R3 \\
23\overline{)854} \\
-69 \\
\hline
164 \\
-161 \\
\hline
3
\end{array}
$$

f) $120 \div 24 = 5$

$$
\begin{array}{r}
5 \\
24\overline{)120} \\
-120 \\
\hline
0
\end{array}
$$

g) $180 \div 15 = 12$

$$
\begin{array}{r}
12 \\
15\overline{)180} \\
-15 \\
\hline
30 \\
-30 \\
\hline
0
\end{array}
$$

Q10) Calculate the following:

a) 24.3 ÷ 6 = 4.05

b) 15.6 ÷ 3 = 5.2

c) 12.8 ÷ 4 = 3.2

d) 25.2 ÷ 6 = 4.2

e) 18.9 ÷ 3 = 6.3

f) 27.5 ÷ 5 = 5.5

g) 30.6 ÷ 9 = 3.4

h) 22.4 ÷ 8 = 2.8

Long division a)

	0	4.	0	5
6	2	4.	3	0
−	0			
	2	4		
−	2	4		
	0	3		
−		0		
	3	0		
−	3	0		
		0		

Long division (15.6 ÷ 3)

	0	5.	2
3	1	5.	6
−	0		
	1	5	
−	1	5	
	0	6	
−		6	
		0	

Long division (12.8 ÷ 4)

	0	3.	2
4	1	2.	8
−	0		
	1	2	
−	1	2	
	0	8	
−		8	
		0	

Long division (25.2 ÷ 6)

	0	4.	2
6	2	5.	2
−	0		
	2	5	
−	2	4	
	1	2	
−	1	2	
		0	

Long division (18.9 ÷ 3)

	0	6.	3
3	1	8.	9
−	0		
	1	8	
−	1	8	
	0	9	
−		9	
		0	

Long division (27.5 ÷ 5)

	0	5.	5
5	2	7.	5
−	0		
	2	7	
−	2	5	
	2	5	
−	2	5	
		0	

Long division (30.6 ÷ 9)

	0	3.	4
9	3	0.	6
−	0		
	3	0	
−	2	7	
	3	6	
−	3	6	
		0	

Long division (22.4 ÷ 8)

	0	2.	8
8	2	2.	4
−	0		
	2	2	
−	1	6	
	6	4	
−	6	4	
		0	

Q11) Calculate the following:

a) $23.46 \div 23 = 1.02$

b) $26.72 \div 5 = 5.344$

c) $45.6 \div 15 = 3.04$

d) $36.8 \div 16 = 2.3$

e) $42.56 \div 32 = 1.33$

f) $81.6 \div 24 = 3.4$

g) $12.6 \div 14 = 0.9$

h) $55.44 \div 12 = 4.62$

		0	1.	0	2
2	3	2	3.	4	6
	–	0			
		2	3		
	–	2	3		
			0	4	
			–	0	
				4	6
			–	4	6
					0

		0	5.	3	4	4
5	2	6.	7	2	0	
	–	0				
		2	6			
	–	2	5			
			1	7		
		–	1	5		
			2	2		
			–	2	0	
				2	0	
			–	2	0	
					0	

		0	3.	0	4
1	5	4	5.	6	0
	–	0			
		4	5		
	–	4	5		
			0	6	
			–	0	
				6	0
			–	6	0
					0

			0	2.	3
1	6	3	6.	8	
		–	0		
			3	6	
		–	3	2	
				4	8
			–	4	8
					0

			0	1.	3	3
3	2	4	2.	5	6	
		–	0			
			4	2		
		–	3	2		
			1	0	5	
			–	9	6	
				9	6	
			–	9	6	
					0	

			0	3.	4
2	4	8	1.	6	
		–	0		
			8	1	
		–	7	2	
				9	6
			–	9	6
					0

			0	0.	9
1	4	1	2.	6	
		–	0		
			1	2	
		–	0		
			1	2	6
		–	1	2	6
					0

			0	4.	6	2
1	2	5	5.	4	4	
		–	0			
			5	5		
		–	4	8		
			7	4		
			–	7	2	
				2	4	
			–	2	4	
					0	

Q12) April 2025 P1

Lily has some identical wooden cubes.
The length of each edge of a cube is 4.5 cm.

Lily builds a tower 8 cubes tall.

There's **1** total decimal places in both numbers.

Ignore the decimal places and complete the
multiplication as if operating on two integers.

			4	5
×				8
+		3	6	0
=		3	6	0

Rewrite the product with **1** total decimal places.

Answer = 36.0

Calculate the height of the tower.

36

.... cm [1]

Q13) April 2025 p1

A baker makes cakes.
He needs 12 eggs for each cake.
He uses 552 eggs.

Calculate the number of cakes he makes.

		0	4	6
1 2	5	5	2
−	0		
	5	5	
−	4	8	
		7	2
−	7	2	
		0	

46

.... cakes [1]

Q14) April 2025 P1

Jamila has 84.42 ml of liquid.
She shares the liquid equally between 14 bottles.

Calculate the volume of liquid in each bottle.

			0	6.	0	3
1	4	8	4.	4	2	
		−	0			
			8	4		
		−	8	4		
			0	4		
			−		0	
					4	2
				−	4	2
						0

6.03 .... ml [1]

Q15) April 2024 P1

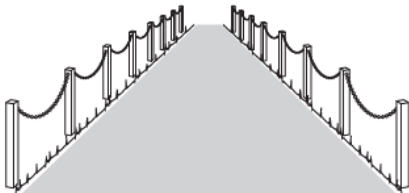Here are four calculations.

| 360 ÷ 4 | | 0.36 ÷ 4 | | 36 ÷ 4 | | 3.6 ÷ 4 |

Draw a ring around the calculation that is equivalent to 0.9 [1]

There's **1** total decimal places in both numbers.

Ignore the decimal places and complete the multiplication as if operating on two integers.

Q16) April 2024 P1

Ahmed fixes chains between some posts.

The length of each chain is 1.8 metres.
He uses 14 chains.

		1	8
×		1	4
+		7	2
+	1	8	
=	2	5	2

Rewrite the product with **1** total decimal places.

Answer = 25.2

Therefore:
1.8 × 14 = 25.2

Calculate the total length of chain Ahmed uses.

25.2 .... metres [1]

Q17) Oct 2023 P1

Here are four calculations.

17.2 × 4   17.09 × 4   1.72 × 39   1.7 × 39

Draw a ring around the calculation that gives the **largest** answer.
You do not need to work out the answers.   [1]

Q18) Oct 2023 P1

Here are four digit cards.

| 3 | 4 | 5 | 6 |

Use **all** four digit cards to complete the boxes to create the calculation with the **smallest** possible whole number answer.

| 3 | 5 | 4 | ÷ | 6 | = |

Q19) Oct 2024 P1

A shop sells ribbons.

The length of each ribbon is 3.87 metres.

Calculate the **total** length of 6 ribbons.

There's **2** total decimal places in both numbers.

Ignore the decimal places and complete the
multiplication as if operating on two integers.

			3	8	7
×					6
+		2	3	2	2
=		2	3	2	2

Rewrite the product with **2** total decimal places.

Answer = 23.22

Therefore:
3.87 × 6 = 23.22

_____23.22_____ metres   [1]

Q20) Oct 2024 P1

Oranges are stored in trays.
There are 240 oranges in each tray.

The trays are packed in boxes.
There are 5 trays in each box.

A shopkeeper buys 14 boxes.

Calculate the number of oranges the shopkeeper buys.
Show your working.

			2	4	0
×					5
+		1	2	0	0
=		1	2	0	0

			1	2	0	0
×					1	4
+			4	8	0	0
+			1	2	0	0
=			1	6	8	0	0

16800
.... oranges   [2]

Q21) Progression test

A length of rope is 120.36 metres long.

The rope is cut into 4 equal pieces.

Calculate the length of each piece of rope.

30.09
--- metres

	0	3	0.	0	9
4	1	2	0.	3	6
−	0				
	1	2			
−	1	2			
		0	0		
	−		0		
			0	3	
		−		0	
				3	6
		−		3	6
					0

The end
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