Mathgic

P4 Revision Worksheet_Answer

Name:_____   **Date:**_____   **Mark:**_____

A) Multiplication

1.

			3	8
x			7	7
2	6	6	0	
		2	6	6
2	9	2	6	

2.

			6	2
x			4	1
2	4	8	0	
			6	2
2	5	4	2	

3.

			4	9
x			8	2
3	9	2	0	
			9	8
4	0	1	8	

4.

			9	3
x			1	5
		9	3	0
		4	6	5
1	3	9	5	

5.

			2	6
x			6	3
1	5	6	0	
			7	8
1	6	3	8	

6.

			7	9
x			5	7
3	9	5	0	
		5	5	3
4	5	0	3	

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A) Multiplication

7.

		5	7	8
x			2	4
1	1	5	6	0
	2	3	1	2
1	3	8	7	2

8.

		9	4	3
x			6	3
5	6	5	8	0
	2	8	2	9
5	9	4	0	9

9.

		6	8	5
x			1	8
	6	8	5	0
	5	4	8	0
1	2	3	3	0

10.

		4	6	9
x			9	7
4	2	2	1	0
	3	2	8	3
4	5	4	9	3

11.

		1	5	6
x			2	5
	3	1	2	0
	7	8	0	
	3	9	0	0

12.

		2	3	1
x			8	2
1	8	4	8	0
	4	6	2	
1	8	9	4	2

B) Division

13.

$$
\begin{array}{r}
4 \\
14{\overline{\smash{\big)}\,61}} \\
56 \\
\hline
5
\end{array}
$$

14.

$$
\begin{array}{r}
3 \\
23{\overline{\smash{\big)}\,90}} \\
69 \\
\hline
21
\end{array}
$$

15.

$$
\begin{array}{r}
3 \\
18{\overline{\smash{\big)}\,54}} \\
54 \\
\hline
\end{array}
$$

16.

$$
\begin{array}{r}
3 \\
26{\overline{\smash{\big)}\,85}} \\
78 \\
\hline
7
\end{array}
$$

17.

$$
\begin{array}{r}
2 \\
35{\overline{\smash{\big)}\,93}} \\
70 \\
\hline
23
\end{array}
$$

18.

$$
\begin{array}{r}
6 \\
12{\overline{\smash{\big)}\,72}} \\
72 \\
\hline
\end{array}
$$

B) Division

19.

$$\begin{array}{r} 4 \\ 67\overline{)312} \\ 268 \\ \hline 44 \end{array}$$

20.

$$\begin{array}{r} 7 \\ 32\overline{)231} \\ 224 \\ \hline 7 \end{array}$$

21.

$$\begin{array}{r} 38 \\ 15\overline{)570} \\ 45 \\ \hline 120 \\ 120 \\ \hline \end{array}$$

22.

$$\begin{array}{r} 26 \\ 27\overline{)710} \\ 54 \\ \hline 170 \\ 162 \\ \hline 8 \end{array}$$

21.

$$\begin{array}{r} 13 \\ 49\overline{)643} \\ 49 \\ \hline 153 \\ 147 \\ \hline 6 \end{array}$$

22.

$$\begin{array}{r} 15 \\ 45\overline{)682} \\ 45 \\ \hline 232 \\ 225 \\ \hline 7 \end{array}$$

P.4

C) Word Problem

23. A bowl of red bean soup costs $23, which is $5 higher than a bowl of green bean soup. A shop sold 31 bowls of green bean soup in the morning and 78 bowls in the afternoon. How much did the shop receive in a whole day?

(23 – 5) x (31 + 78)
=18 x 109
=1962
The shop receive $1962 in a whole day.

24. A pack of shuttlecocks costs $17. Buy three get two free. Dad uses $100 to buy 12 packs. How much does he owe?

17 x 8 – 100
=136 – 100
=36
He owes $36.

25. A truck has 916 apples in the beginning. 37 apples are damaged during the transportation. Fruit shop divides the remaining apples into a bag. Each bag has 12 apples. How many apples are left?

(916 – 37) ÷ 12
=879 ÷ 12
=73…3
3 apples are left.

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C) Word Problem

26. Young brother have 48 dollars originally. He wants to buy a DVD game which costs 425 dollars. If he has 29 days to save money, how much does he need to save every day in order to buy the DVD game?

> (425 − 48) ÷ 29
> =377 ÷ 29
> =13
> He need to save $13 every day.

27. A rectangular stamp has a perimeter of 238 mm, a length of 79 mm. What is its width?

> 238 ÷ 2 − 79   (238 − 79 − 79) ÷ 2
> =119 − 79   =80 ÷ 2
> =40   =40
> Its width is 40 mm.

28. 650 kg of white rice is separated to a bag, 25 kg of each. If each bag costs $47, how much do 650 kg of white rice cost?

> 650 ÷ 25 x 47
> =26 x 47
> =1222
> It costs $1222.

C) Word Problem

29. A hall can provide 3000 seats. There are 78 classes, 29 people of each class in the hall. How many seats are left?

> 3000 – 78 x 29
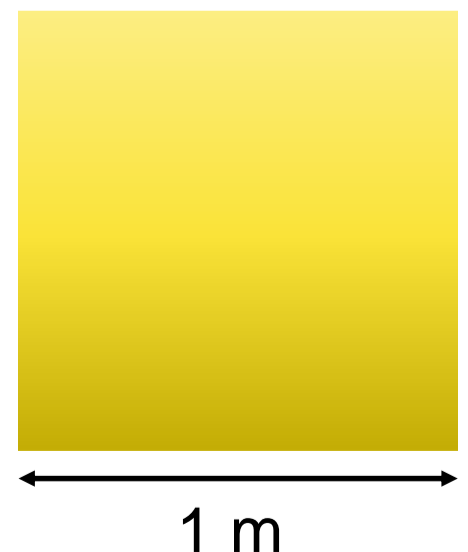> =3000 – 2262
> =738
> 738 seats are left.

30. Young brother saves $270 in two years. Older brother saves $66 more than young brother. How much does older brother save in each month?

> (270 + 66) ÷ 24
> =336 ÷ 24
> =14
> He saves $14 in each month.

31. Mum cut a piece of square cloth to two identical small pieces. What is the perimeter of each small piece, in cm?

> (100 ÷ 2 + 100) x 2
> =(50 + 100) x 2
> =150 x 2
> =300
> The perimeter is 300 cm.

1 m

D) Common Factor and Common Multiple

32. The prime numbers between 1 and 20 are_____

 ___2, 3, 5, 7, 11, 13, 17, 19_____.

33. Answer the following questions.

a. The factors of 81 are __1, 3, 9, 27, 81_____.

b. The factors of 99 are __1, 3, 9, 11, 33, 99_____.

c. Hence, H.C.F. of 81 and 99 is ___9_____.

34. Answer the following questions.

a. Within 70, the multiples of 12 are __12, 24, 36, 48, 60_____.

b. Within 70, the multiples of 16 are __16, 32, 48, 64_____.

c. Hence, L.C.M. of 12 and 16 is ___48_____.

35. What is the H.C.F. of "24", "30", "66"?

 Ans:____6_____

2	24	30	66
3	12	15	33
	4	5	11

D) Common Factor and Common Multiple

36. What is the L.C.M. of "8", "12", "40"?

Ans:___120___

2	8	12	40
2	4	6	10
	2	3	5

37. Within 200, list the common multiples of "6", "14", "21".

Ans : ___42, 84, 126, 168___

2	6	14	21
7	3	7	21
3	3	1	3
	1	1	1

38. Known that the L.C.M and H.C.F. of "42" and a unknown are 210 and 14, respectively. What is the unknown? 210 x 14 ÷ 42

Ans : ___70___

39. How many rectangles of length 6 cm and width 9 cm are needed at least to form a square?

L.C.M = 18

Ans : ___6___

40. How many squares can be cut out from a rectangle of length 130 mm and width 78 mm?

H.C.F = 26

Ans : ___15___

E) Quadrilateral's Properties

41. Complete the table.

Property \ Quadrilateral	Square	Rectangle	Parallelogram	Rhombus	Kite
Two pairs of opposite sides are equal in length respectively	✓	✓	✓	✓	
Two pairs of opposite angles are equal in size respectively	✓	✓	✓	✓	
Four sides are equal in length	✓			✓	
Four angles are right angles	✓	✓			
Lengths of two diagonal lines are same	✓	✓			
Two diagonal lines are perpendicular to each other	✓			✓	✓

42. Which of the following is neither a property of rectangle nor a property of parallelogram?

A. Two pairs of opposite sides are parallel respectively

B. Four sides are equal in length

C. Two pairs of opposite angles are equal in size respectively

D. Four angles are not right angles

Ans : ___D___

43. Which quadrilateral(s) <u>must not have</u> right angle? (More than one answer can be chosen)

A. Trapezium

B. Kite

C. Parallelogram

D. Rhombus

Ans : ___C, D___