

13.5.2020

Check through answers from last week and, if you have any corrections, identify where you went wrong and correct your work.

Arithmetic –Summer test 2

Summer Test 2

Name: _____ Class: _____ Date: _____

1	$702 \times 1 =$ <input type="text"/>	<input type="checkbox"/>
2	$121 =$ <input type="text"/> ²	<input type="checkbox"/>
3	$0.8 =$ <input type="text"/> $- 0.2$	<input type="checkbox"/>
4	$7 \times$ <input type="text"/> $= 49$	<input type="checkbox"/>
5	<input type="text"/> $\times 1000 = 53\ 000$	<input type="checkbox"/>
6	$\frac{1}{3} - \frac{2}{6} =$ <input type="text"/>	<input type="checkbox"/>
7	$6 = 4200 \div$ <input type="text"/>	<input type="checkbox"/>
8	$5 \times (12 - 9) =$ <input type="text"/>	<input type="checkbox"/>
9	$60 \div$ <input type="text"/> $= 2 \times 6$	<input type="checkbox"/>
10	$\frac{1}{10} \times \frac{3}{4} =$ <input type="text"/>	<input type="checkbox"/>
11	<input type="text"/> $= 1.9 \times 1000$	<input type="checkbox"/>
12	$\frac{9}{5} - \frac{2}{15} =$ <input type="text"/>	<input type="checkbox"/>
13	$\frac{3}{5}$ of 35 = <input type="text"/>	<input type="checkbox"/>
14	$3002 - 1405 =$ <input type="text"/>	<input type="checkbox"/>
15	$5 - 2 \times 2 =$ <input type="text"/>	<input type="checkbox"/>
16	$36.45 - 9.788 + 289 =$ <input type="text"/>	<input type="checkbox"/>

Summer Test 2 (continued)

17	$\frac{1}{5} + \frac{1}{2} =$ <input type="text"/>	<input type="checkbox"/>
18	$6498 =$ <input type="text"/> $\times 9$	<input type="checkbox"/>
19	$73\ 491 - 523 + 89 =$ <input type="text"/>	<input type="checkbox"/>
20	$5 \overline{) 7428}$	<input type="checkbox"/>
21	$7 =$ <input type="text"/> $+ 832$	<input type="checkbox"/>
22	$(6 + 2) \times 2^2 =$ <input type="text"/>	<input type="checkbox"/>
23	35% of 60 = <input type="text"/>	<input type="checkbox"/>
24	<input type="text"/> $= \frac{1}{2} + \frac{1}{3}$	<input type="checkbox"/>
25	$4 \overline{) 8171}$	<input type="checkbox"/>
26	$16 \overline{) 8448}$	<small>(2 marks)</small> <input type="checkbox"/>
27	$\frac{1}{4} + \frac{1}{3} =$ <input type="text"/>	<input type="checkbox"/>
28	$\begin{array}{r} 3657 \\ \times \quad 91 \\ \hline \end{array}$	<small>(2 marks)</small> <input type="checkbox"/>

Total marks

/30

14.5.2020

What is an equation?

<https://www.bbc.co.uk/bitesize/topics/zghp34j/articles/z2qmrwx>

Click link- watch clip and complete equation quiz.

How to solve missing number problems

<https://www.bbc.co.uk/bitesize/topics/zghp34j/articles/z2p6tyc>

Click link and watch videos

Remember to check if the brackets will change the calculation order.

Solve these problems.

1 $(8 + 3) \times 9 = \square$

4 $12 \div (18 \div 3) = \square$

2 $8 + (3 \times 9) = \square$

5 $(22 - 8) \times 2 = \square$

3 $14 \div (15 - 8) = \square$

6 $2 \times (10 + 5) = \square$



Solve these problems.

7 $6 + m = 9$
 $m = \square$

11 $20 - n = 11$
 $n = \square$

8 $t + 5 = 13$
 $t = \square$

12 $25 - q = 19$
 $q = \square$

9 $w - 1 = 7$
 $w = \square$

13 $r + 15 = 30$
 $r = \square$

10 $6 - y = 2$
 $y = \square$

14 $64 + s = 100$
 $s = \square$



$m \times 6$ has the same answer as $m \times 2 + 16$.
What is the value of m ?

Solve these problems.

1 $(28 - 15) + 9 = \square$

4 $18 \div (3 \times 2) = \square$

2 $3 \times (117 - 95) = \square$

5 $4 \times (9 \div 3) = \square$

3 $2 \times (7 \cdot 2 \times 6) = \square$

6 $(6 \cdot 4 - 4 \cdot 2) \div 2 = \square$

Now find the value of the letter in each calculation.

7 $45 - d = 21$
 $d = \square$

11 $\frac{88}{m} = 4$
 $m = \square$

8 $78 - a = 45$
 $a = \square$

12 $68 + c = 92$
 $c = \square$

9 $12 \times k = 96$
 $k = \square$

13 $\frac{w}{3} = 12$
 $w = \square$

10 $6h = 42$
 $h = \square$

14 $t - 36 = 54$
 $t = \square$



$m \times (6 + 3)$ has the same answer as $m \times 3 + 24$.
What is the value of m ?

Clues

Across

1) $2 + (5 \times 2)$

2) $2^2 + 5$

3) $(10 + 7) \times 2$

4) $(120 \div 2) + 2$

5) $(70 \div 2) - 5$

Down

a) $5^2 - 2$

b) $6 + (5 \times 8)$

c) $-7 + 10^2$

d) $(60 - 10) \div 2$

1) ?	a) ?		2) ?
	3) ?	b) ?	
c) ?		4) ?	d) ?
5) ?	? ?		? ?

Find the value of the letter in each calculation.

1 $5c + 4 = 54$

3 $10 - 2b = 4$

5 $3v + 4 = 12 - v$

2 $4m + 5 = 17$

4 $20 - n = 3$

6 $10 - b = 4b$

Find a pair of numbers that work in both equations.

7 $m + n + 2 = 11$
 $m - n = 5$

8 $p + q = 20$
 $2p = 10$

9 $a + 2b = 10$
 $a - b = 4$

Find the lengths of the missing sides.

10



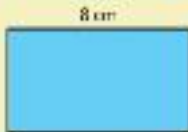
area = 35 cm^2

12



area = 69 cm^2

11



perimeter = 26 cm

13



perimeter = 24 cm

Find the missing angles.

14



15



An isosceles triangle has one angle which is three times the value of the other two. What are its angles?

TB 3

P25

Miss Crofton

Miss McAnally- ch 1

Find the value of the letter in each calculation.

1 $6c - 4 = 26$

3 $18 - 3b = 0$

5 $6v - 3 = 32 - v$

2 $7r + 9 = 72$

4 $12 - n = 4 + n$

6 $10 - 2q = 4q + 1$

Find a pair of numbers that work in both equations.

7 $m + 2n - 3 = 11$
 $m + n = 9$

9 $p + q = 10$
 $3p - q = 2$

11 $3a + b = 9$
 $b - a = 5$

8 $2t + s = 9$
 $t + 2s = 7.5$

10 $w - 2y = 7$
 $2w + y = 21.5$

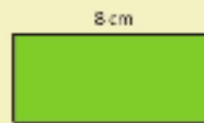
Find the lengths of the missing sides.

12



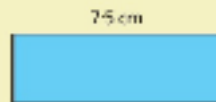
area = 56 cm^2

14



area = 28 cm^2

13



perimeter = 21 cm

15



perimeter = 28.8 cm

Find the missing angles.

16



17



TB3 P26

Miss McAnally – ch2

Miss Barry

TEST C

You will need a pencil.

Year 6

Mathematics Assessment: NUMBER - Number and place value

Name Class Date

TEST C

You will need a pencil.

Year 6

Mathematics Assessment: RATIO AND PROPORTION / ALGEBRA

Name Class Date
