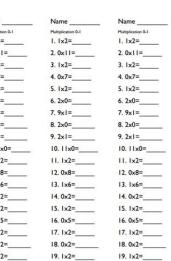


I'm not a robot



Open



Name _____ Date _____

USING PARENTHESSES SHEET 5:1

When you come across a complex calculation where there are brackets around part of the calculation, the part in brackets should be done first.

Example

$(4 + 3) \times 6$ and $4 + (3 \times 6)$ are two different calculations with two different answers:

$$(4 + 3) \times 6 = 7 \times 6 = 42 \quad 4 + (3 \times 6) = 4 + 18 = 22$$

Work out the answers to these complex calculations.

- 1) $3 + (4 \times 5) = 3 + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ 2) $(5 + 4) \times 3 = \underline{\hspace{1cm}} \times 3 = \underline{\hspace{1cm}}$
 3) $7 \times (5 - 2) = 7 \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ 4) $(9 - 6) \times 8 = \underline{\hspace{1cm}} \times 8 = \underline{\hspace{1cm}}$
 5) $(20 \div 4) + 8 = \underline{\hspace{1cm}} + 8 = \underline{\hspace{1cm}}$ 6) $17 - (35 \div 5) = 17 - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
 7) $(7 \times 3) - (2 \times 4) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ 8) $14 - (3 \times 5) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
 9) $(40 \div 5) + (3 \times 9) = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ 10) $(7 - 4) \times 12 = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

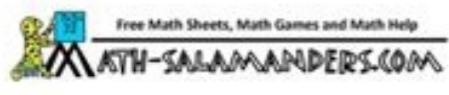
Harder section - you may need a calculator for these!

- 11) $2.5 - (0.7 \times 2) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ 12) $(4.5 \times 3) - 12 = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
 13) $6 - (1.7 \times 3) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ 14) $(4.2 \div 6) + 0.9 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
 15) $200 - (14.5 \times 6) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ 16) $78 \div (3.75 \times 8) = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

Work out these 3 calculations, then put them in order, smallest first:

$$85 - (17 \times 3) \quad 200 \div (3.7 + 6.3) \quad (4.5 \times 3) + (30 \div 4)$$

Smallest _____ Largest _____



Name _____ Date _____

THE FIVE PRIMES PROBLEM ANSWERS

Kevin chose 5 different prime numbers. The largest of the prime numbers was 29.

He added them altogether.

The answer came to 50. Which primes did he add?

- List of prime numbers to 29

2 | 3 | 5 | 7 | 11 | 13 | 17 | 19 | 23 | 29

• Answer

2 | 3 | 5 | 11 | 29

Captain chose four different prime numbers. The largest of his prime numbers was also 29. He added them together and the answer came to 60.

Which prime did he add?

There are 3 possible answers. How many can you find?

• Answer

2 | 3 | 5 | 11 | 29

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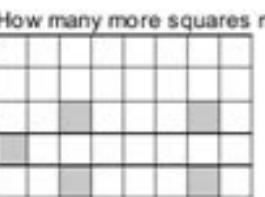
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Class 6
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Answer the questions

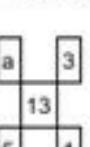
- (1) Meenakshi introduces Pradip as the son of the brother of her mother. How is Pradip related to Meenakshi ?

- (2) How many more squares need to be shaded to cover 50% of the total area ?



- (3) If $P=3x^2 + 3x + 6$, $Q=9x^2 - 7x - 5$ and $R=-3x^2 + 7x + 8$, find $(P+Q+R)$

- (4) If number in the center is the sum of all other numbers, find value of a.



Choose correct answer(s) from given choice

- (5) Find the missing number.

$$\begin{array}{r} 27 \\ 15 | \square \\ 35 \end{array} \quad \begin{array}{r} 24 \\ 25 | \square \\ 28 \end{array} \quad \begin{array}{r} 28 \\ 24 | \square \\ 36 \end{array}$$

- a. 6
c. 9
b. 7
d. 8

- (6) What will be the shape at 13th position ?



- a.
b.
c.
d.

