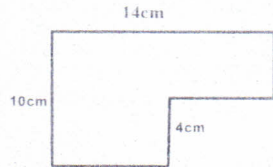


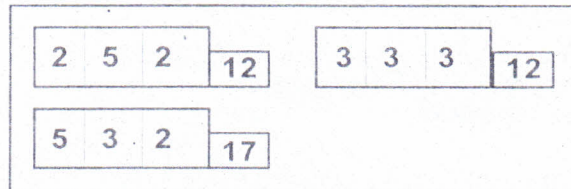
64. Given that; $A = \frac{E}{WL}$ express W in terms of A, L and E
 (A) $W = \frac{E}{AL}$ (B) $W = \frac{E}{A}$ (C) $W = \frac{L}{AE}$ (D) $W = ALE$ (E) (A) $W = AE$
65. Simplify $2a - 3b - a + 2b$
 (A) $a - b$ (B) $2a - b$ (C) $a + b$ (D) $2a + 2b$ (E) $a - 2b$
66. Evaluate $3y^2 - 5y - 6$, when $y = 3$ (A) -2 (B) $.4$ (C) $.7$ (D) $.6$ (E) $.48$
- 67.



- Find the area of the figure above (A) 160cm^2 (B) 106cm^2 (C) 116cm^2 (D) 180cm^2 (E) 96cm^2
68. Simplify: $\frac{2.25 \times 7.5}{3.75}$ (A) 45 (B) 450 (C) 4.5 (D) 0.45 (E) 0.045
69. How many pieces of string each $8\frac{1}{2}$ long can cut from a string $42\frac{1}{2}$ cm long?
 (A) 6 (B) $5\frac{1}{4}$ (C) $361\frac{1}{4}$ (D) 5 (E) 4
70. A boy had N80. He spent N16. What fraction of his original money was left?
 A. $\frac{1}{5}$ B. $\frac{2}{3}$ C. $\frac{4}{5}$ D. $\frac{1}{3}$ E. $\frac{3}{4}$

QUANTITATIVE REASONING

Sample



Use the sample above to answer questions 71-80

71.

3	4	?	15
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 (A) 3 (B) 4 (C) 5 (D) 6 (E) 7
72.

?	9	2	38
---	---	---	----

 (A) 5 (B) 4 (C) 20 (D) 15 (E) 27
73.

5	?	3	48
---	---	---	----

 (A) 40 (B) 15 (C) 20 (D) 9 (E) 10
74.

5	5	5	?
---	---	---	---

 (A) 35 (B) 15 (C) 25 (D) 10 (E) 30
75.

2	2	?	8
---	---	---	---

 (A) 8 (B) 2 (C) 4 (D) 10 (E) 1
76.

4	0	1	?
---	---	---	---

 (A) 1 (B) 5 (C) 0 (D) 4 (E) 3
77.

?	10	10	50
---	----	----	----

 (A) 10 (B) 4 (C) 100 (D) 30 (E) 40
78.

4	?	4	4
---	---	---	---

 (A) 4 (B) 16 (C) 8 (D) 12 (E) 0
79.

20	0	0	?
----	---	---	---

 (A) 20 (B) 0 (C) 24 (D) 1 (E) 5
80.

$1\frac{1}{2}$	8	?	24
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 (A) $8\frac{1}{2}$ (B) 24 (C) 12 (D) 7 (E) 15

SAMPLE:

6 (S) $2 = 3$, 5 (R) $4 = 20$
8 (S) $4 = 2$; $\frac{1}{3}$ (R) $9 = 3$
3 (R) 2 (S) $4 = \frac{1}{2}$; 4 (R) 7 (R) $5 = 140$

Use the above sample to answer questions 81-85-

81. 21 (S) $7 = ?$ (A) $\frac{1}{3}$ (B) 3 (C) 14 (D) 28 (E) 147
82. 13 (R) 2 (S) $4 = ?$ (A) 104 (B) 26 (C) 15 (D) $11\frac{1}{2}$ (E) $6\frac{1}{2}$