New England Common Assessment Program

Student Work Samples
2012

Grade 5

Mathematics

⓫

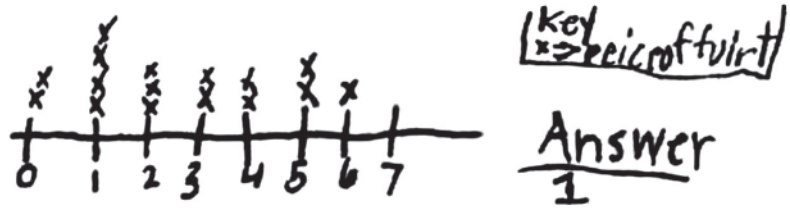
$\frac{2}{8}, \frac{2}{5}, \frac{2}{3}$

11

$\frac{2}{5}$ $\frac{2}{8}$ $\frac{2}{3}$

⓬

⓬



⓬

Mode = Most

0,0,1,1,1,1,2,2,2,3,3,4,4,5,5,6 6

13

$132 \div 6 = 22$ teams

6×22 teams $= 132$ players

13

132 ÷ 6 = 22 teams

Campers Players

132 X 6 = 22 teams

13

Six divided by one hundred thirty two is twenty groups with one person remaining.

14

4

There is 40 square feet. 40÷10=4

14 She will have to get 4 packages for here flower garden.

14

40 beause I added them up

15

A

	Number of black tiles.	Number of white tiles
1	2	2
2	3	6
3	4	12
4	5	20

B. $2 \overset{+4}{,} 6 \overset{+6}{,} 12 \overset{+8}{,} 20 \overset{+10}{=} 30$

$2 \overset{+1}{,} 3 \overset{+1}{,} 4 \overset{+1}{,} 5 \overset{+1}{=} 6$

30 white tiles 6 black tiles.

15

Step Number	Number of black tiles	Number of white tiles
1	2	2
2	3	6
3	4	12
4	5	20

for black 6, because it is always the step number plus 1

for white 30, because all the steps have been adding 1 to the step number then multiplying the step number by the number of black tiles

15

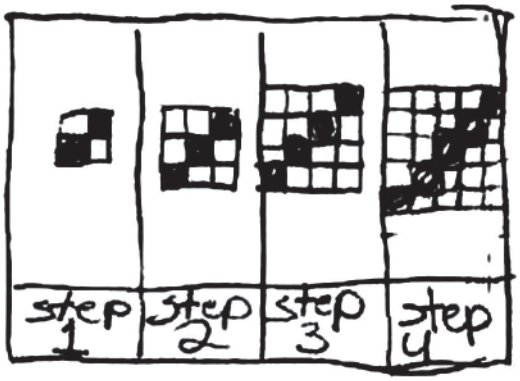
Step number	Number of black tiles	Number of white tiles
1	2	2
2	3	6
3	4	12
4	5	20
5	6	30

15

Step number	number of black tiles	number of white tiles
1	2	2
2	3	6
3	4	12
4	5	20

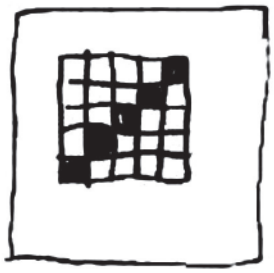
15

a



step number	# of b t	# of w t
1	2	2
2	3	3
3	4	7
4	5	10

B



The total in all is 25 tiles

15

A.

$$\begin{array}{r} {}^{1}24 \\ \times\ 3 \\ \hline 72 \end{array}$$

Number Ster	Number Blacks	Number of white Tiles
1	2	2
2	4	8
3	24	72
4	8	28
5	8	40

B. I Found my answer By I put step 5 In the table