

Mixing Up Snack Mix

Jim is making snack mix for all of his friends. He has a recipe that he always follows. He puts in 2 cups of M&Ms and 3 cups of pretzels per serving. Jim has 30 cups of M& Ms. How many cups of mix can he make?

Answer 75 cups of mix

Explain your thinking. Use tables, diagrams or equations to show your work.

M&M's	Pretzels
2	3
4	6
6	9
8	12
10	15
12	18
14	21
16	24
18	27
20	30
22	33
24	36
26	39
28	42
30	45



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Answer 6 cups

Explain your thinking. Use tables, diagrams or equations to show your work.

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 6 \\ 5 \overline{) 30} \\ \underline{30} \\ 0 \end{array}$$

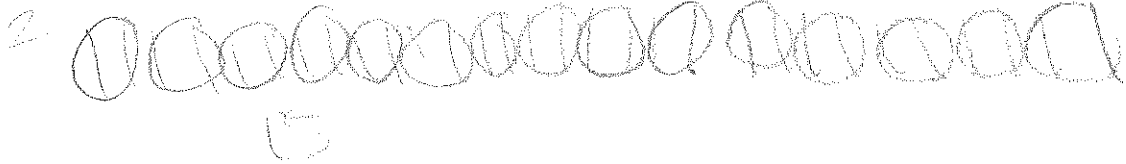
Jim can make 6 cups of
Snack mix for his friends.

There is 30 cups of M&Ms and five goes into
thirty six times so Jim can make 6 cups of
Snack mix for his friends.



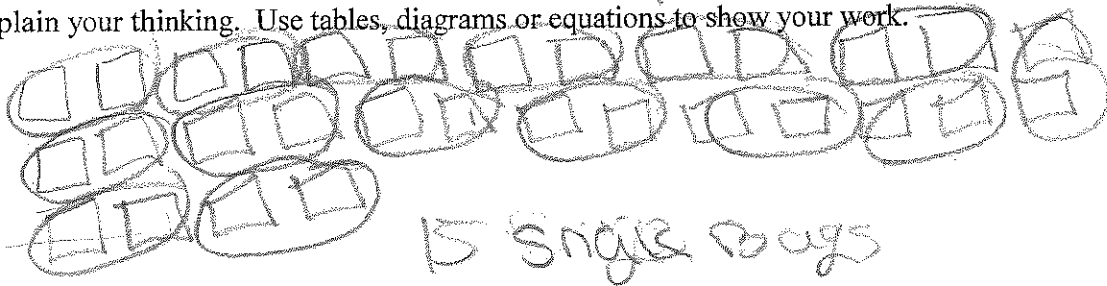
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Answer 15 snack bags

Explain your thinking. Use tables, diagrams or equations to show your work.





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Answer 75 cups

Explain your thinking. Use tables, diagrams or equations to show your work.

$$\begin{array}{l} \text{M\&M} \\ \frac{2}{3} \times 15 = \frac{30}{x=45} \\ \text{pretzel} \end{array}$$

$$30 + 45 = 75 \text{ cups}$$

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Answer he can make 15 cups of mix

Explain your thinking. Use tables, diagrams or equations to show your work.

2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

2 = Two cups of M&Ms that add up to 30

3 = Three cups of pretzels for every two cups of M&Ms