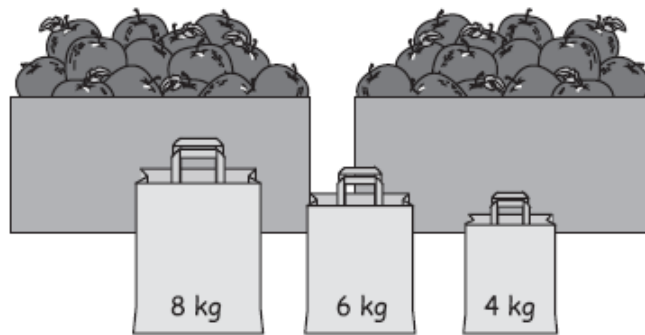


Example of Student Response – Grade 4 FSA Numeracy Question 1

Score	Comments
4	<p>The solution</p> <ul style="list-style-type: none"> • applies relevant skills accurately • an appropriate strategy is fully implemented • a correct solution • work is clear, detailed and organized

1. The fruit stand has 24 kg of apples to give away.



Students only have 8 kg, 6 kg, and 4 kg bags.

How many different ways can 24 kg of apples be given away?

Show ALL your work.

(4 marks)

#	8 kg	6 kg	4 kg
1	3	0	0
2	2	0	2
3	1	2	1
4	0	4	0
5	0	2	3
6	0	0	6
7	1	0	4

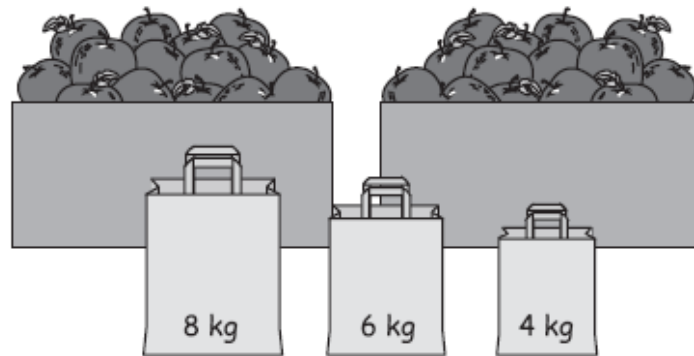
24 kg of apples can be given away 7 different ways.

Score

Example of Student Response – Grade 4 FSA Numeracy Question 1

Score	Comments
3	The solution <ul style="list-style-type: none"> • an appropriate strategy is generally implemented • solution may not be fully complete • work is clear, detailed and organized

1. The fruit stand has 24 kg of apples to give away.



Students only have 8 kg, 6 kg, and 4 kg bags.

How many different ways can 24 kg of apples be given away?

Show **ALL** your work.

(4 marks)

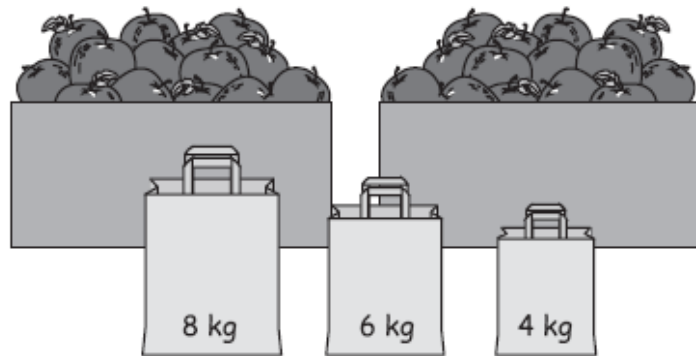
	8 kg	6 kg	4 kg	T=24
1.	3	0	0	$24 + 0 + 0 = 24$
2.	2	2	1	$8 + 12 + 4 = 24$
3.	0	4	0	$0 + 24 + 0 = 24$
4.	0	2	3	$0 + 12 + 12 = 24$

You can have 4 different ways of apples given away.

Example of Student Response – Grade 4 FSA Numeracy Question 1

Score	Comments
2	The solution <ul style="list-style-type: none">• some relevant concepts and skills applied appropriately• appropriate strategy but not carried out far enough (1 correct combination which is repeated)

1. The fruit stand has 24 kg of apples to give away.



Students only have 8 kg, 6 kg, and 4 kg bags.

How many different ways can 24 kg of apples be given away?

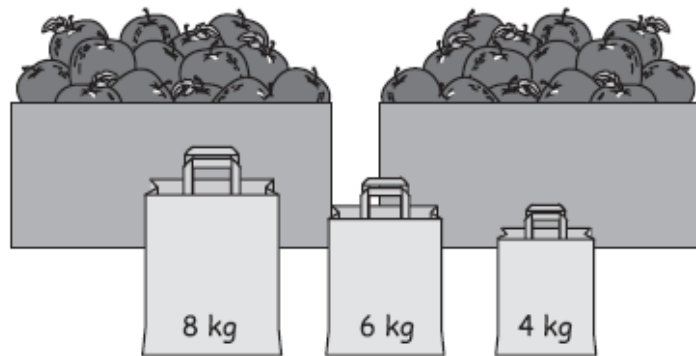
Show **ALL** your work.

$$8 + 6 + 4 + 6 = 24 \text{ kg} \quad 6 + 8 + 6 + 4 = 24 \text{ kg}$$

Example of Student Response – Grade 4 FSA Numeracy Question 1

Score	Comments
1	<p>The solution</p> <ul style="list-style-type: none"> • relevant concepts and skills are not applied appropriately • an inappropriate strategy • incorrect solution • a start beyond just copying data

1. The fruit stand has 24 kg of apples to give away.



Students only have 8 kg, 6 kg, and 4 kg bags.

How many different ways can 24 kg of apples be given away?

Show **ALL** your work.

$$\begin{array}{r} 8 \\ + 8 \\ + 4 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 6 \\ + 8 \\ + 4 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 4 \\ + 6 \\ + 8 \\ \hline 18 \end{array}$$

he h 15 18 ways to (4 marks)
 bo in
 $2 \times 4 = 18$
 $4 \times 2 = 18$