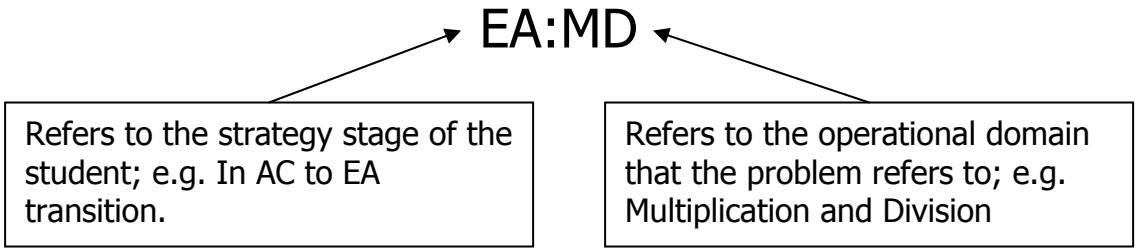
Portfolio Examples

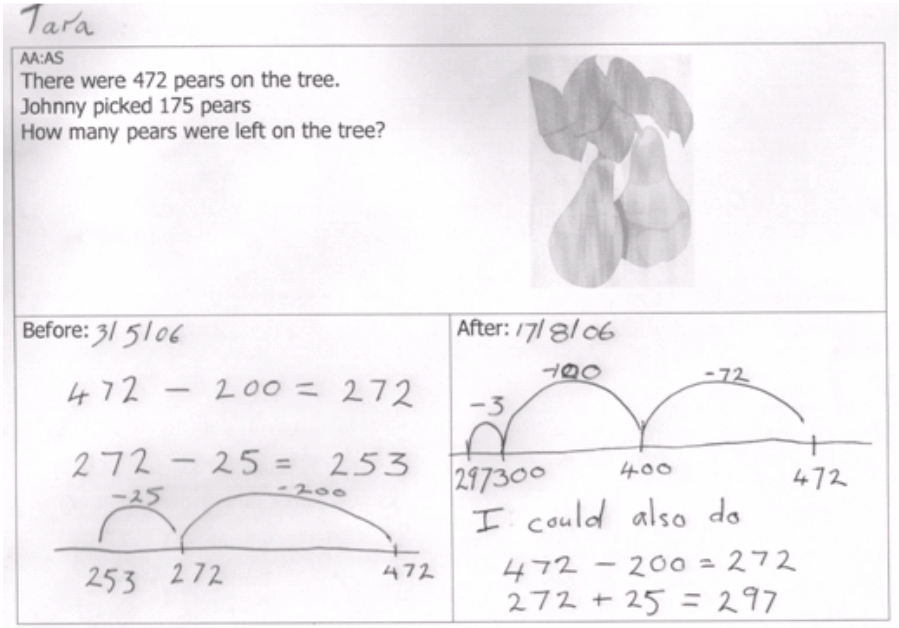
These portfolio examples are designed to be completed by students using pencil and paper. Encourage the students to show his/her strategy/strategies for solving the given problem by recording in whatever way they believe is appropriate. This recording might include equations, pictures and diagrams, like empty number lines.

The coding system in the top left hand of the page describes the task as follows:



The recording boxes at the bottom left and right of the page allow the student to attempt the problem at two different times. The work samples are dated on each occasion. This may help to show growth in student's strategies.

You may wish to add demographic information to the top of the page and/or annotate the work sample in some way.



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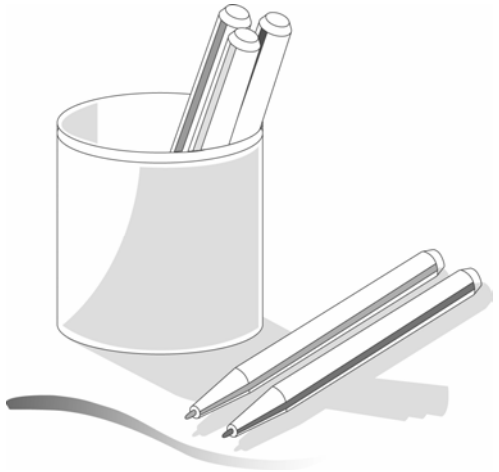
Name: Year/Class:

AC:AS

Tara had 16 felt pens.
8 pens ran out and she threw them away.
How many felts pens did Tara have left?



First try: / /

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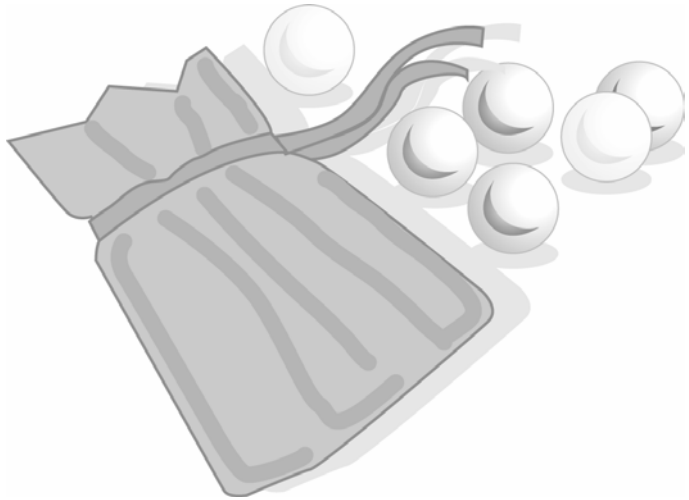
Name: Year/Class:

EA:AS

Lana has 56 marbles.
She loses 8 of them in a game.
How many marbles does she have left?



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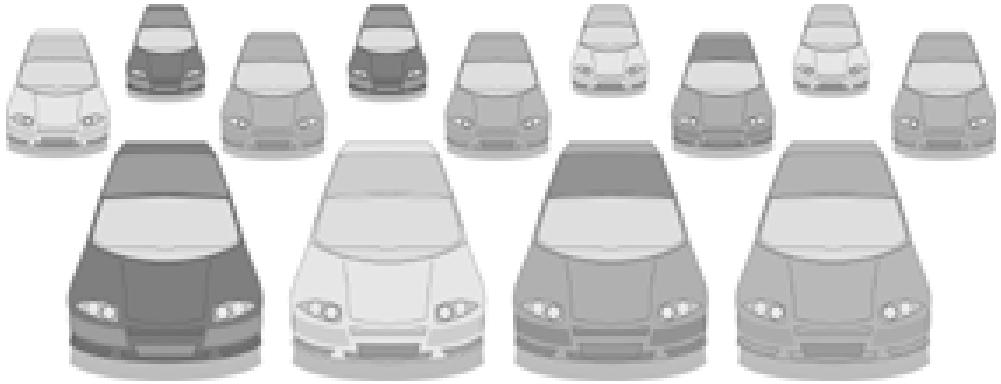
Name: Year/Class:

AC or EA:MD

The cars are in rows of 8 cars.
There are 6 rows.
How many cars are there?



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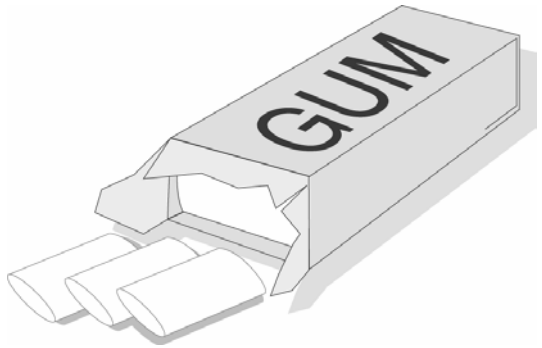
Name: Year/Class:

AC or EA:RP

There are 20 pieces of gum in the packet.
One-fifth of them are peppermint.
How many pieces is that?



one fifth				

First try: / /

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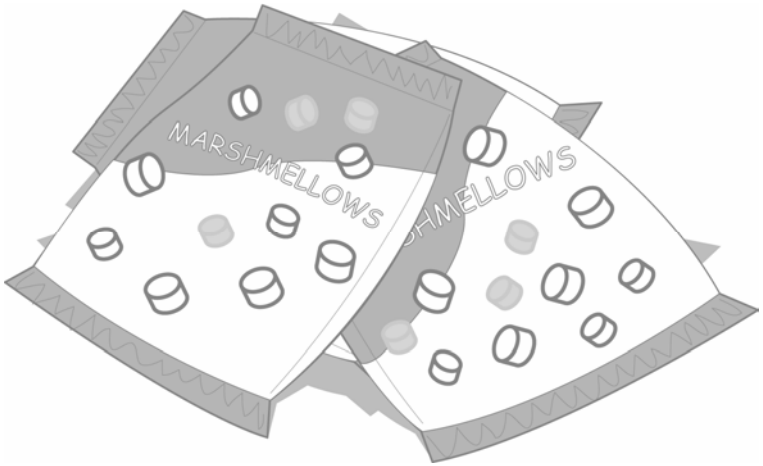
Name: Year/Class:

AA:AS

Sam sold 136 packets of marshmallows.
Liam sold 87 packets and Hine sold 64 packets.
How many packets did they sell altogether?



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Name: Year/Class:

AA:AS

There were 472 pears on the tree.
Johnny picked 175 pears
How many pears were left on the tree?

First try: / /	Second try: / /

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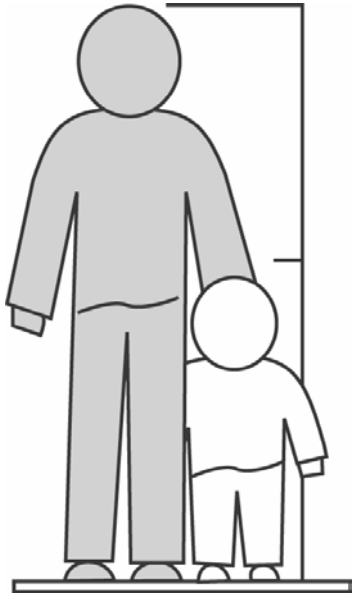
Name: Year/Class:

AM:AS

When Whitu was three years old his height was 0.96 metres.
He is now twelve and 1.7 metres tall.
How much has he grown in the nine years?



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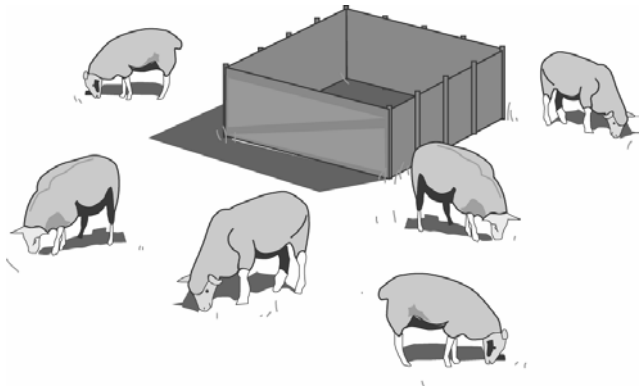
Name: Year/Class:

AM:MD

A farmer has 156 lambs and 6 pens.
She wants the same number of lambs in each pen.
How many lambs should go in each pen?



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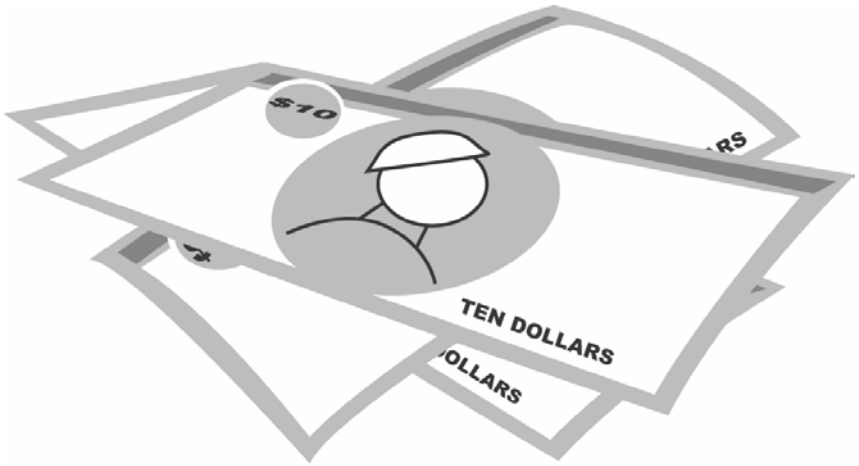
Name: Year/Class:

AM:PR

Rongopai spent two-fifths of her savings.
Then she had $30 left.
How much did she spend?



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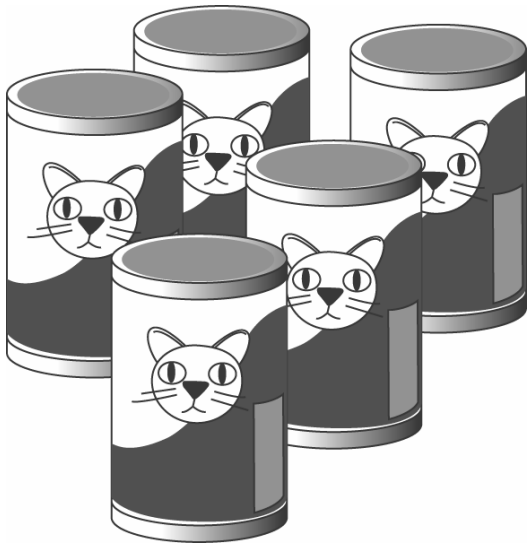
Name: Year/Class:

AP:PR

9 tins can feed 15 cats.
How many tins would you need to feed 20 cats?



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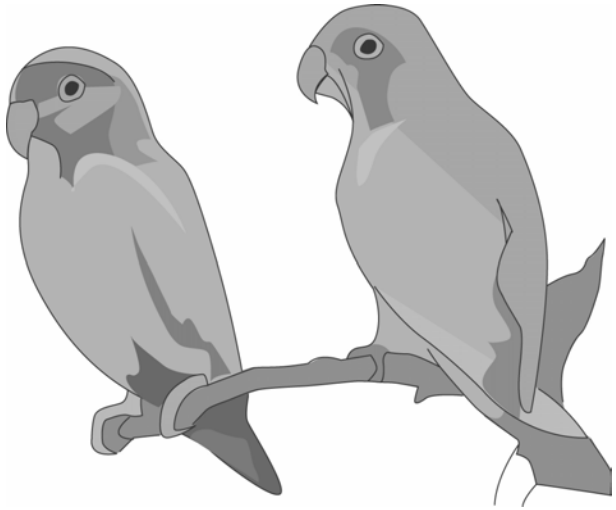
Name: Year/Class:

AP:PR

In the bird cage there are 21 canaries
and 9 budgies.
What percentage of the birds are canaries?



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