10 Solve these using order of operations.

a $(3 + 7) \times 9 =$ _____

b $3 + 7 \times 9 =$ _____

c $(100 - 79) \times 3 =$ _____

d $39 + 6 \times (3 + 7) =$ _____

e $86 - 7 \times (13 - 8) =$ _____

f $(16 + 4) - 12 \times \frac{3}{4} =$ _____

g $(13 + 7) \times (18 \div 3) =$ _____

h $5 \times 3 \times 5 - 37 =$ _____

i $(100 - 75) \times (38 + 12) =$ _____

11 Solve the problems.

|					
a	Mr King drew a rectangle on the blackboard that measured 40 cm by 25 cm. What is the area of the rectangle he drew?		d	Mrs Hook spent $12 680 on 3 items for her house. She paid $2890 for carpet and $5674 on a kitchen. How much was the third item?	
b	In a warehouse there were 26 motorbikes, 57 cars and 25 six-wheel trucks. How many wheels were in the warehouse?		e	Mark paid a deposit of $4590 towards a new kitchen and 24 payments of $275. How much did the kitchen cost in total?	
c	A clothing factory made $54 675 profit in 5 years. If it expected $12 000 profit per year, by how much was it short of its budget expectations?		f	There are 46 lollies in each packet and 24 packets to a box. There are also 36 boxes to a carton. How many lollies are there on a pallet containing 25 cartons?	

WEEKLY TESTER

12 The Electricity Company charges a factory 18c per hour to run a large new machine. Over a week the machine runs from 6.45 in the morning to 9.15 at night 6 days a week.

a For how many hours does the machine run in a day? _____

b For how long would the machine run in a 6-day week? _____

c How much would it cost for electricity to run the machine for a week? _____

d How much would it cost for electricity to run the machine for a year? _____
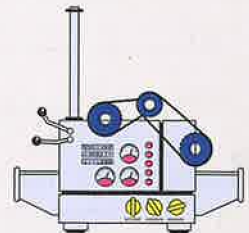
OPEN-ENDED CHALLENGER

13 Kimberly drew a common 2D shape on the playground that had a perimeter of 18 m. What might the shape have been, and what might its sides have measured, if they were all decimal numbers? Give at least 5 answers.