

DECIMALS 3

MARK

11

1. Complete the following calculations.

$$\begin{array}{r} (a) \ 136.65 \\ + \ 42.14 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} (b) \ 3871.47 \\ + \ 529.8 \\ \hline 62.644 \\ \hline \end{array}$$

$$\begin{array}{r} (c) \ 689.67 \\ - \ 61.34 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} (d) \ 524.8 \\ - \ 79.61 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} (e) \ 87.69 \\ \times \ 7 \\ \hline \\ \hline \end{array}$$

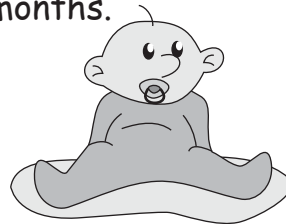
$$\begin{array}{r} (f) \ 4.2 \\ \times \ 9.3 \\ \hline \\ \hline \end{array}$$

2. Add the following numbers.

67.2 105.69 728.094 3.008

3. Find the difference between
563.27 and 2647.5

4. Emma had a baby that weighed 2.86 kg when she was born. In the next three months the baby's weight increased by half a kilogram. Find the weight of the baby after three months.



5. Alexandra had a piece of licorice that was 2.65 metres long. One day she ate 1.28 metres of the licorice! How many metres of licorice were left?

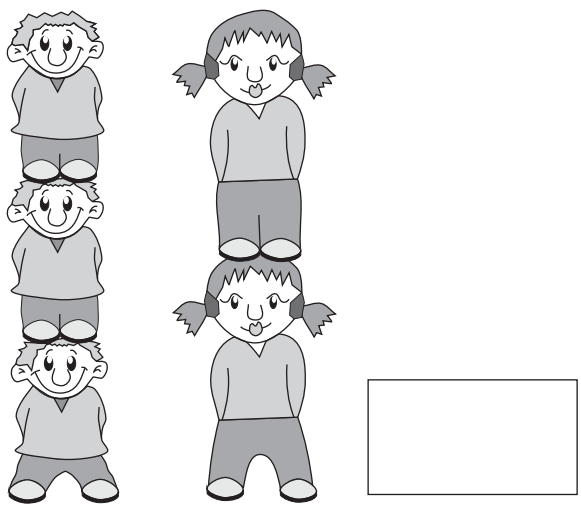


6. Nerada bought her lunch at school. She bought a sandwich (\$1.75), drink (\$1.35) and three fruit bars (each fruit bar cost 65c).

(a) Find the cost of Nerada's lunch.

(b) How much change would Nerada receive from \$10?

7. Dion, Dean and Declan were identical triplets.
 Freya and Frida were identical twins.
 They were all acrobats in a circus.
 One act they performed involved Dion standing on Dean's head while Declan stood on Dion's head.
 Next to the brothers, Freya stood on Frida's head.
 The height of the three brothers was exactly the same as the two sisters.
 The brothers were each 1.36 metres tall.
 How tall was each sister?



8. (a) Guess the answer to this problem.
 $5.925 + 83.25 + 33.825$

(b) Solve the problem using a calculator.

9. Solve the following problems using a calculator.

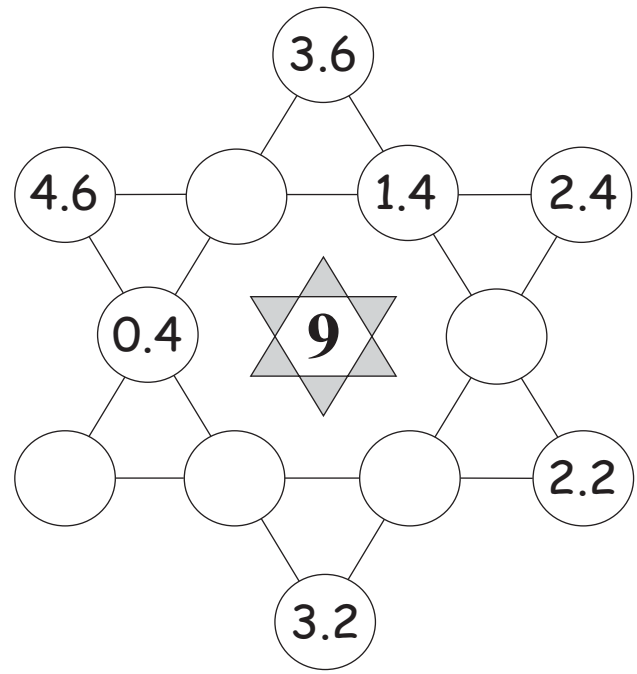
(a) $\frac{(3.741 + 5.059) \times (6.364 - 3.864)}{2.75}$

(b) Half of 69.768 kg

(c) Find the weight of 48 pineapples if each pineapple weighs 2.65 kg.

(d) A litre of olive oil cost \$8.55. How many litres were in a container that cost \$213.75?

10. Put numbers in the circles of the diagram below so that each line adds to the number in the centre.



11. Rearrange the letters in the following phrase to spell two words related to this work sheet.
A COLD MINT PIE
