| Name: | Date: |
|---|---|

MNU 303a Bronze Outcomes 1-4

**1** Calculate

$$\begin{array}{r} 39\cdot51 \\ +\ 8\cdot23 \\ \hline \\ \hline \end{array} \qquad \begin{array}{r} 62\cdot35 \\ -\ 43\cdot18 \\ \hline \\ \hline \end{array} \qquad \begin{array}{r} 5\cdot63 \\ \times\ \ 2 \\ \hline \\ \hline \end{array} \qquad 8\overline{)78\cdot96}$$

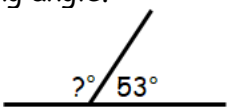
MTH 307b Bronze Outcome 1

**2** Calculate

$$\frac{3}{5}+\frac{1}{5}$$

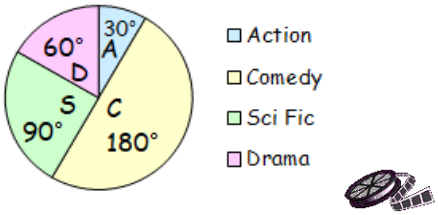
MTH 317a Bronze Outcome 2

**3** Calculate the size of the missing angle.




MTH 321a Bronze Outcome 2

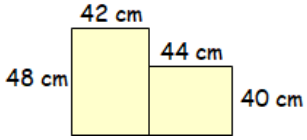
**4** 36 movie buffs were asked what their favourite genre of film was. The results are shown below.




How many movie buffs preferred comedy?

MTH 311b Bronze Outcome 4

**5** Calculate the area of this composite shape.




My score:

| Name: | Date: |
|---|---|
| 1 Simplify<br>(a) $6p^2 + 2p - 7p^2 + 8p$<br>(b) $d \times d$ | MTH 314a Gold Outcome 1 |
| 2 A sailing boat travelled 80 miles over a 4 hour time period.<br>  <br>What was its average speed? | MNU 310a Silver Outcome 3 |
| 3 A bag contains 10 purple balls, 2 red balls, 5 blue balls and a green ball.<br>  <br>A ball is chosen at random.<br>What is the probability of choosing a red ball?<br>Give your answer as a fraction in its simplest form. | MNU 322a Silver Outcome 3 |
| 4 What is the highest common factor of 27 and 54? | MTH 305a Silver Outcome 4<br>  |
| 5 At a party, the ratio of men : women = 3 : 4.<br>  <br>If there were 27 men, how many women were at the party? | MNU 308a Silver Outcome 3 |
| My score: | |