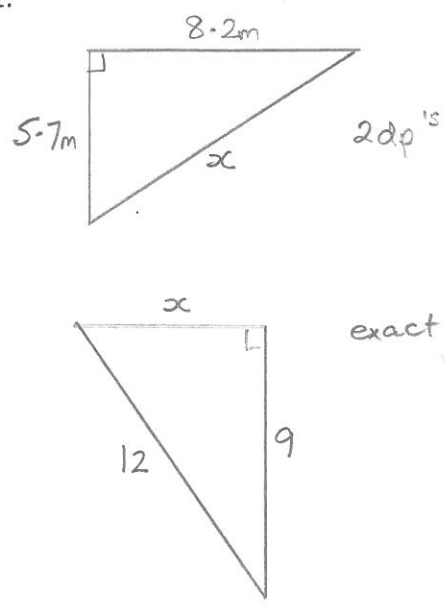


HOMEWORK 9 Term 2 Sheet 7 advanced

<p>1.</p>  <p>2dp's</p> <p>exact</p>	<p>2.</p> $(a^2b)^2 \times ab^2$ $=$ $\frac{4c^3d^{10}}{12c^5d^9} =$ $\left(\frac{3^{-2}m^3}{w^{-1}}\right)^{-1} =$	<p>3.</p> <p>Simplify:</p> $\sqrt{50} =$ $\sqrt{60} =$ $\sqrt{80} =$ $\sqrt{90} =$
<p>4.</p> $\frac{1}{5} + \frac{2}{3} =$ $2\frac{1}{2} - \frac{3}{4} =$ $\frac{3}{4} \times \frac{2}{3} =$ $\frac{1}{2} \text{ of } \left(\frac{1}{2}\right)^2 =$	<p>5.</p> <p>Evaluate: $c = 4$</p> $3c - 5 =$ $c^2 + 3c =$ $\frac{5c}{2} =$ $\sqrt{c} + c^0 =$	<p>6.</p> <p>I walk 15 km East then 10 km South. How far am I from my starting point? (1dp)</p>
<p>7.</p> <p>→ Std form</p> $0.00002 =$ $635 =$ <p>→ Basic Numeral</p> $5 \times 10^4 =$ $3.7 \times 10^{-2} =$	<p>8.</p> <p>15 3 6 4 9 9 13 1 6</p> <p>Find the IQR.</p>	<p>9.</p> <p>How many significant figures?</p> <p>2.050</p> <p>2600</p> <p>0.0004</p> <p>3.2×10^3</p> <p>0.0050</p>