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| 1  | Multiple choice<br>Simplify $30a \div 3 + 2 \times 2a$<br>A $18a$ B $14a$ C $12a$ D $12a^2$  |
| 2  | The perimeter of a square is 16 mm. The area of the square is<br>A $4 \text{ mm}^2$ B $8 \text{ mm}^2$ C $16 \text{ mm}^2$ D $64 \text{ mm}^2$ |
| 3  | If $p = 0.6$ and $q = 1.2$ , find $\frac{4p}{q}$   |
| 4  | Simplify $4a - 2b - 3a + 6b$   |
| 5  | Simplify $3a \times 2b - 4ab \times 5$   |
| 6  | Expand $-3a(a + 2)$  |
| 7  | Arrange the following in ascending order:<br>$\frac{3}{5}$ , $0.6$ , $\frac{29}{50}$ , $\frac{14}{25}$   |
| 8  | Find the value of $(1.2)^2 - (0.5)^2$  |
| 9  | Each shirt requires 1.4 metres of material.<br>How many shirts can be made from 8 metres of material?  |
| 10 | Petrol costs 92.4 cents per litre. How much will Lisa pay for 35 litres?   |