## Brilliance Tuition Centre, Redbank Plains

 EXPRESSIONSAnswer the following questions.

| 1 | Write $15 \mathrm{x} y$ in a shorter way. |  |
| :---: | :---: | :---: |
| 2 | Write $5 \times 4 \times m$ in a shorter way. |  |
| 3 | Write $6 \times m \times m \times m \times n$ in a shorter way. |  |
| 4 | Write $9 \times 2 \times h \times m \times h$ in another way. |  |
| 5 | Write $12 y^{2} z^{2}$ showing all multiplication signs. |  |
| 6 | Write $75 m+6$ showing all multiplication signs. |  |
| 7 | Write $a^{2} b^{2} c^{3}$ showing all multiplication signs. |  |
| 8 | Write $35 y+3$ showing all multiplication signs. |  |
| 9 | Write $x^{2}+y^{2}$ showing all multiplication signs. |  |
| 10 | Write $9 \mathrm{x} a \mathrm{x} a \mathrm{x} b \times a$ in a shortened form. |  |
| 11 | Write ( $a-7) \times(7 a-5)$ in a shortened form. |  |
| 12 | Write $8 \mathrm{x} y \mathrm{x} y \mathrm{x} z$ without multiplication signs. |  |
| 13 | Write $11 m \div 8$ without division signs. |  |
| 14 | Write $17 a \div 9 b$ without division signs. |  |
| 15 | Write $25 a \div(3 b+5)$ without multiplication or division signs. |  |

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Answer Key:

| 1 | $15 y$ |
| :---: | :---: |
| 2 | 20 m |
| 3 | $6 m^{3} n$ |
| 4 | $18 h^{2} m$ |
| 5 | 12x $y \times y \times z \times z$ |
| 6 | $75 \times m+6$ |
| 7 | axaxbxbxcxcxc |
| 8 | $35 \mathrm{x} y+3$ |
| 9 | $x \mathrm{x} x+y \mathrm{x} y$ |
| 10 | $9 a^{3} b$ |
| 11 | $(a-7)(7 a-5)$ |
| 12 | $8 y^{2} z$ |
| 13 | $\frac{11 m}{8}$ |
| 14 | $\frac{17 a}{9 b}$ |
| 15 | $\frac{25 a}{3 b+5}$ |

