

## Worksheet: Laws of Indices 1-2

### Questions

<b>1.</b> $x^3 \times x^2$	<b>2.</b> $a^4 \times a^3$	<b>3.</b> $\frac{y^6}{y^2}$
<b>4.</b> $b^5 \times b$	<b>5.</b> $\frac{m^7}{m^4}$	<b>6.</b> $p^2 \times p^3 \times p$
<b>7.</b> $\frac{q^8}{q^3 \times q^2}$	<b>8.</b> $r^5 \times r^0$	<b>9.</b> $\frac{s^9}{s^9}$
<b>10.</b> $z^4 \times z^6 \times z$	<b>11.</b> $\frac{x^{10}}{x^3 \times x^2}$	<b>12.</b> $\frac{a^7 \times a^2}{a^3}$
<b>13.</b> $\frac{b^9}{b^2 \times b^4}$	<b>14.</b> $(c^3 \times c^2) \times c$	<b>15.</b> $(d^5)^1 \times d^2$
<b>16.</b> $\frac{e^6 \times e^2}{e^3}$	<b>17.</b> $\frac{f^9}{f^2} \times f$	<b>18.</b> $g^4 \times \frac{1}{g}$
<b>19.</b> $\frac{h^2 \times h^5}{h^6}$	<b>20.</b> $\frac{x^3 \times x^{-1}}{x^2}$	<b>21.</b> $\frac{a^{-4}}{a^{-7}}$
<b>22.</b> $\frac{b^2 \times b^{-5}}{b^{-3}}$	<b>23.</b> $\frac{m^3}{m^{-2}} \times m^{-4}$	<b>24.</b> $\frac{(x^2 \times x^{-3})}{x^{-1} \times x}$