

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

### Translating sentences into algebraic equations

In the space to the left of each expression, write the symbol of the operation that would be use to translate that expression into an algebraic expression or equation.

Use “+”, “-“, “x”, “ $\div$ ”, “=”, “ $x^n$ ”, and “()”.

- |                          |                                    |
|--------------------------|------------------------------------|
| _____ 1) added to        | _____ 24) multiply                 |
| _____ 2) amounts to      | _____ 25) of                       |
| _____ 3) and             | _____ 26) per                      |
| _____ 4) cubed           | _____ 27) percent of               |
| _____ 5) decreased by    | _____ 28) plus                     |
| _____ 6) divided by      | _____ 29) raise                    |
| _____ 7) divided equally | _____ 30) squared                  |
| _____ 8) double          | _____ 31) subtracted               |
| _____ 9) equals          | _____ 32) subtracted from          |
| _____ 10) fewer          | _____ 33) take away                |
| _____ 11) fraction of    | _____ 34) the cube of              |
| _____ 12) gain           | _____ 35) the <b>difference</b> of |
| _____ 13) increase of    | _____ 36) the <b>product</b> of    |
| _____ 14) increased by   | _____ 37) the <b>quantity</b> of   |
| _____ 15) is             | _____ 38) the <b>quotient</b> of   |
| _____ 16) is the same as | _____ 39) the <b>ratio</b> of      |
| _____ 17) less           | _____ 40) the <b>square</b> of     |
| _____ 18) less than      | _____ 41) the <b>sum</b> of        |
| _____ 19) loss           | _____ 42) the <b>total</b> of      |
| _____ 20) minus          | _____ 43) times                    |
| _____ 21) more           | _____ 44) triple                   |
| _____ 22) more than      | _____ 45) twice                    |
| _____ 23) multiplied by  | _____ 46) yields                   |