Simplify each expression. Write answers in standard or scientific notation.

Name: _____   Date: _____   Score: _____ / _____

1.

$9 \times 10^{\blacksquare}$

_____

Answer:

2.

$(9 \times 10^{\blacksquare}) \times (5 \times 10^2)$

_____

Answer:

3.

$3 \times 10^{\blacksquare^2}$

_____

Answer:

4.

$(4 \times 10^{\blacksquare}) \times (1 \times 10^{\blacksquare})$

_____

Answer:

5.

$5 \times 10^{\blacksquare}$

_____

Answer:

6.

7×10^2

_____

Answer:

7.

$1 \times 10^{\blacksquare^1}$

_____

Answer:

8.

$5 \times 10^{\blacksquare^1}$

_____

Answer:

9.

3×10^1

_____

Answer:

10.

$7 \times 10^{\blacksquare}$

_____

Answer:

Simplify each expression. Write answers in standard or scientific notation.

Name: _____ Date: _____ Score: _____ / _____

11.

$(3 \times 10^2) \times (2 \times 10^1)$

_____

Answer:

12.

4×10^2

_____

Answer:

13.

$8 \times 10\blacksquare^3$

_____

Answer:

14.

$(9 \times 10^2) \times (2 \times 10^3)$

_____

Answer:

15.

$(9 \times 10^1) \times (3 \times 10^2)$

_____

Answer:

16.

1×10^2

_____

Answer:

17.

$(5 \times 10^1) \times (3 \times 10^1)$

_____

Answer:

18.

9×10^3

_____

Answer:

19.

$4 \times 10\blacksquare$

_____

Answer:

20.

6×10^1

_____

Answer:

For teacher use only

Name: _____   Date: _____   Score: _____ / _____

1.

$9 \times 10^{\blacksquare}$ = **900000**

2.

$(9 \times 10^{\blacksquare}) \times (5 \times 10^2)$ = **$4.5 \times 10^{\blacksquare}$**

3.

$3 \times 10^{\blacksquare 2}$ = **0.03**

4.

$(4 \times 10^{\blacksquare}) \times (1 \times 10^{\blacksquare})$ = **$4 \times 10^{\blacksquare}$**

5.

$5 \times 10^{\blacksquare}$ = **50000**

6.

7×10^2 = **700**

7.

$1 \times 10^{\blacksquare 1}$ = **0.1**

8.

$5 \times 10^{\blacksquare 1}$ = **0.5**

9.

3×10^1 = **30**

10.

$7 \times 10^{\blacksquare}$ = **7000000**

For teacher use only

Name: _____   Date: _____   Score: _____ / _____

11.

$(3 \times 10^2) \times (2 \times 10^1)$ = **6×10^3**

12.

4×10^2 = **400**

13.

$8 \times 10^{\blacksquare 3}$ = **0.008**

14.

$(9 \times 10^2) \times (2 \times 10^3)$ = **$1.8 \times 10^{\blacksquare}$**

15.

$(9 \times 10^1) \times (3 \times 10^2)$ = **$2.7 \times 10^{\blacksquare}$**

16.

1×10^2 = **100**

17.

$(5 \times 10^1) \times (3 \times 10^1)$ = **1.5×10^3**

18.

9×10^3 = **9000**

19.

$4 \times 10^{\blacksquare}$ = **40000**

20.

6×10^1 = **60**