

# Write repeated multiplication in exponent notation

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|------|------|------------|
| NAME | DATE | SCORE / 10 |
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**1** Write  $6 \times 6 \times 6 \times 6 \times 6 \times 6$  using a base and an exponent.

**2** How do you read  $5^3$  in words?

☐ five times three   ☐ five to the third power   ☐ three to the fifth power

**3** Write  $8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8$  as a power.

**4** How do you read  $3^6$  in words?

☐ three times six   ☐ three to the sixth power   ☐ six to the third power

**5** Write  $3 \times 3 \times 3 \times 3 \times 3 \times 3$  as a power.

**6** How do you read  $5^4$  in words?

☐ five times four   ☐ four to the fifth power   ☐ five to the fourth power

**7** Write  $2 \times 2 \times 2$  as a power.

**8**How do you read  $6^6$  in words?

- ☐ six times six    ☐ six to the sixth power

**9**Write  $6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6$  using a base and an exponent.**10**How do you read  $9^6$  in words?

- ☐ six to the ninth power    ☐ nine to the sixth power    ☐ nine times six

# Write repeated multiplication in exponent notation

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1  $6^6$

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3  $8^7$

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5  $3^6$

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7  $2^3$

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9  $6^7$

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2 five to the third power

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4 three to the sixth power

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6 five to the fourth power

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8 six to the sixth power

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10 nine to the sixth power