



GRADE 8 • EVALUATE POWERS

Powers have patterns

Evaluate powers, then name the exponent in repeated multiplication.

NAME _____

DATE _____

01 $2^3 =$ _____

02 $3^2 =$ _____

03 $4^2 =$ _____

04 $5^3 =$ _____

05 $2^4 =$ _____

06 $6^2 =$ _____

07 $3^4 =$ _____



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08 $4^3 =$

09 $7^2 =$

10 $8^2 =$

11 $5^2 =$

12 $6^3 =$

13 $2 \times 2 = 2^{\underline{\quad\quad\quad}}$

14 $3 \times 3 \times 3 = 3^{\underline{\quad\quad\quad}}$



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15 $4 \times 4 \times 4 \times 4 = 4^{\text{---}}$

16 $5 \times 5 = 5^{\text{---}}$

17 $6 \times 6 \times 6 \times 6 = 6^{\text{---}}$

18 $7 \times 7 \times 7 = 7^{\text{---}}$

19 $8 \times 8 \times 8 = 8^{\text{---}}$

20 $2 \times 2 \times 2 \times 2 = 2^{\text{---}}$

21 $3 \times 3 \times 3 \times 3 = 3^{\text{---}}$



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22 $4 \times 4 \times 4 = 4^{\underline{\quad\quad\quad}}$

23 $5 \times 5 \times 5 \times 5 = 5^{\underline{\quad\quad\quad}}$

24 $6 \times 6 \times 6 = 6^{\underline{\quad\quad\quad}}$

25 $2^2 =$

26 $3^3 =$

27 $4^4 =$

28 $5^4 =$



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29 $6^4 =$ _____

30 $7^3 =$ _____

31 $7^4 =$ _____

32 $8^3 =$ _____

33 $8^4 =$ _____

34 $1^2 =$ _____

35 $1^3 =$ _____