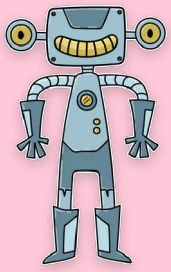
MATH WORKSHEET · GRADE 5 · PLACE VALUE

Powers of Ten and Exponents

The little number tells how many times to multiply by 10. $10^3 = 10 \times 10 \times 10 = 1{,}000$.



Name: _____ **Date:** _____

1 $9 \times 10^3 =$ _____

2 $10^1=$ _____

3 $80{,}000 \div 10^3 =$ _____

4 $8{,}000 \div 10^2 =$ _____

5 $9 \times 10^2 =$ _____

6 $3 \times 10^4 =$ _____

7 $4 \times 10^4 =$ _____

8 $2 \times 10^1 =$ _____

9 $3{,}000 \div 10^2 =$ _____

10 $6 \times 10^4 =$ _____

11 $9{,}000 \div 10^2 =$ _____

12 $3 \times 10^1 =$ _____

13 $10^4 =$ _____

14 $2 \times 10^2 =$ _____

15 $10^2 =$ _____

16 $10^3 =$ _____

17 $8 \times 10^1 =$ _____

18 $60{,}000 \div 10^3 =$ _____

19 $300{,}000 \div 10^4 =$ _____

20 $50{,}000 \div 10^3 =$ _____

21 $5 \times 10^4 =$ _____

22 $200 \div 10^1 =$ _____

23 $900 \div 10^1 =$ _____

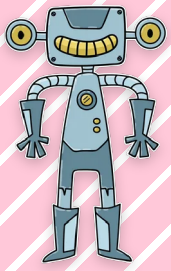
24 $8 \times 10^2 =$ _____

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ANSWER KEY · PLACE VALUE · FOR GROWN-UPS

Answer Key: Powers of Ten and Exponents

The little number tells how many times to multiply by 10. $10^3 = 10 \times 10 \times 10 = 1{,}000$.



1 $9 \times 10^3 =$ 9,000

2 $10^1 =$ 10

3 $80{,}000 \div 10^3 =$ 80

4 $8{,}000 \div 10^2 =$ 80

5 $9 \times 10^2 =$ 900

6 $3 \times 10^4 =$ 30,000

7 $4 \times 10^4 =$ 40,000

8 $2 \times 10^1 =$ 20

9 $3{,}000 \div 10^2 =$ 30

10 $6 \times 10^4 =$ 60,000

11 $9{,}000 \div 10^2 =$ 90

12 $3 \times 10^1 =$ 30

13 $10^4 =$ 10,000

14 $2 \times 10^2 =$ 200

15 $10^2 =$ 100

16 $10^3 =$ 1,000

17 $8 \times 10^1 =$ 80

18 $60{,}000 \div 10^3 =$ 60

19 $300{,}000 \div 10^4 =$ 30

20 $50{,}000 \div 10^3 =$ 50

21 $5 \times 10^4 =$ 50,000

22 $200 \div 10^1 =$ 20

23 $900 \div 10^1 =$ 90

24 $8 \times 10^2 =$ 800

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