

OPERATIONS WITH SCIENTIFIC NOTATION RIDDLE ACTIVITY



OPERATIONS WITH SCIENTIFIC NOTATION RIDDLES

| | | |
|--|--|--|
| E. $(-8 \times 10^3)(2 \times 10^2)$ | F. $(3 \times 10^4)(1 \times 10^3)$ | G. $(-2 \times 10^5)(3 \times 10^2)$ |
| M. $(4.51 \times 10^2) + (1.23 \times 10^3)$ | C. $(8.8 \times 10^3) - (4.4 \times 10^4)$ | D. $(5.1 \times 10^2)(-3 \times 10^3)$ |

WHAT DO PLANETS LIKE TO DO



WHAT GOES UP?

2.5×10^6 4.5223×10^8 2.262×10^9 5.0×10^6 1.33×10^7

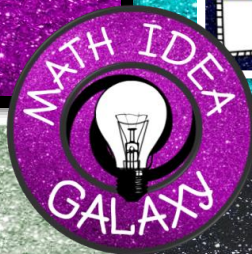
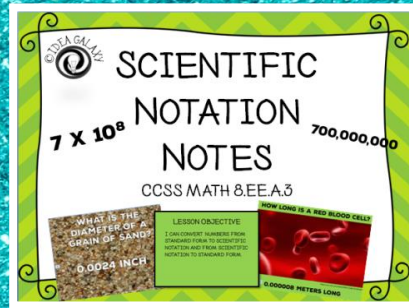
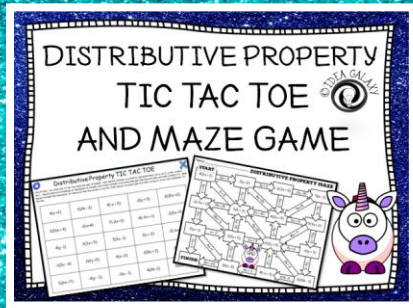
7.08×10^4 3.591×10^4

THANK YOU FOR YOUR PURCHASE

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NAME

OPERATIONS WITH SCIENTIFIC NOTATION RIDDLE 1

E $(3.7 \times 10^5)(2.1 \times 10^3) =$

O $(6.3 \times 10^8)(5.7 \times 10^9) =$

G $(6.6 \times 10^{10}) \div (3.3 \times 10^7) =$

B $(5.22 \times 10^9) \div (3.2 \times 10^4) =$

U $(7.3 \times 10^7) + (4.21 \times 10^6) =$

A $(8.23 \times 10^5) + (2.2 \times 10^6) =$

R $(5.7 \times 10^{11}) - (2.8 \times 10^9) =$

Y $(7.2 \times 10^4) - (1.2 \times 10^3) =$

WHAT GOES UP BUT NEVER GOES DOWN?



Four empty rectangular boxes for writing answers.

7.08×10^4

3.591×10^{18}

7.721×10^7

5.672×10^{11}



Three empty rectangular boxes for writing answers.

3.023×10^6

2.0×10^3

7.77×10^8

ANSWER KEY

OPERATIONS WITH SCIENTIFIC NOTATION RIDDLE 1

E $(3.7 \times 10^5)(2.1 \times 10^3) =$

7.77×10^8

O $(6.3 \times 10^8)(5.7 \times 10^9) =$

3.591×10^{18}

G $(6.6 \times 10^{10}) \div (3.3 \times 10^7) =$

2.0×10^3

B $(5.22 \times 10^9) \div (3.2 \times 10^4) =$

1.63125×10^5

U $(7.3 \times 10^7) + (4.21 \times 10^6) =$

7.721×10^7

A $(8.23 \times 10^5) + (2.2 \times 10^6) =$

3.023×10^6

R $(5.7 \times 10^{11}) - (2.8 \times 10^9) =$

5.672×10^{11}

Y $(7.2 \times 10^4) - (1.2 \times 10^3) =$

7.08×10^4

WHAT GOES UP BUT NEVER GOES DOWN?

Y

O

U

R

A

G

E

7.08×10^4

3.591×10^{18}

7.721×10^7

5.672×10^{11}

3.023×10^6

2.0×10^3

7.77×10^8

NAME

OPERATIONS WITH SCIENTIFIC NOTATION RIDDLE 2

K $(6.5 \times 10^7)(4.2 \times 10^6) =$

E $(7.8 \times 10^3)(2.9 \times 10^5) =$

T $(5.5 \times 10^9) \div (1.1 \times 10^3) =$

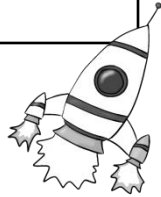
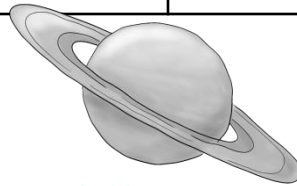
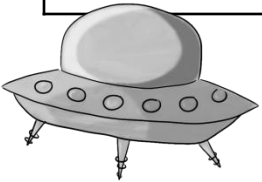
S $(9.25 \times 10^6) \div (3.7 \times 10^2) =$

B $(7.2 \times 10^6) + (6.1 \times 10^6) =$

M $(4.51 \times 10^8) + (1.23 \times 10^6) =$

C $(8.8 \times 10^7) - (4.4 \times 10^6) =$

O $(3.11 \times 10^6) - (2.5 \times 10^4) =$



WHAT DO PLANETS LIKE TO READ?



8.36×10^7 3.085×10^6 4.5223×10^8 2.262×10^9 5.0×10^6



1.33×10^7 3.085×10^6 3.085×10^6 2.73×10^{14} 2.5×10^4

ANSWER KEY

OPERATIONS WITH SCIENTIFIC NOTATION RIDDLE 2

K $(6.5 \times 10^7)(4.2 \times 10^6) =$

2.73×10^{14}

E $(7.8 \times 10^3)(2.9 \times 10^5) =$

2.262×10^9

T $(5.5 \times 10^9) \div (1.1 \times 10^3) =$

5.0×10^6

S $(9.25 \times 10^6) \div (3.7 \times 10^2) =$

2.5×10^4

B $(7.2 \times 10^6) + (6.1 \times 10^6) =$

1.33×10^7

M $(4.51 \times 10^8) + (1.23 \times 10^6) =$

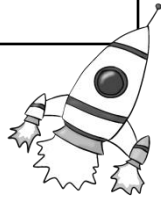
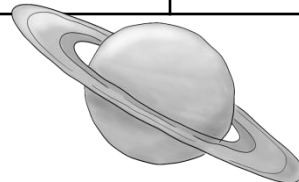
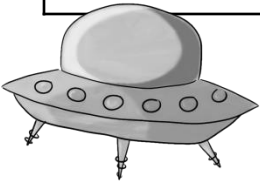
4.5223×10^8

C $(8.8 \times 10^7) - (4.4 \times 10^6) =$

8.36×10^7

O $(3.11 \times 10^6) - (2.5 \times 10^4) =$

3.085×10^6



WHAT DO PLANETS LIKE TO READ?

COMET

BOOKS

8.36×10^7 3.085×10^6 4.5223×10^8 2.262×10^9 5.0×10^6

1.33×10^7 3.085×10^6 3.085×10^6 2.73×10^{14} 2.5×10^4