

Name: Class:



Write powers of ten with exponents

Rewrite the following numbers using powers of 10.

a. $1,000 = 10^3$

d. $10,000,000 =$

g. $10,000 =$

b. $1,000,000 =$

e. $10,000 =$

h. $100 =$

c. $100,000 =$

f. $10,000,000,000 =$

Rewrite the following numbers using powers of 10.

i. $10^{\boxed{7}} = 10,000,000$

k. $10^{\boxed{}} = 1,000,000$

m. $10^{\boxed{}} = 10,000$

j. $10^{\boxed{}} = 100,000$

l. $10^{\boxed{}} = 10$

n. $10^{\boxed{}} = 1$

In each case, tick the correct answer.

o. What is the exponent expression of $10 \times 10 \times 10 \times 10 \times 10 \times 10$?

☐ 10^6

☐ 10^5

☐ 10^{10}

☐ 5^{10}

☐ 10^7

p. What is the corresponding exponent of $10^{\boxed{?}} = 100,000,000$?

☐ 7

☐ 8

☐ 10

☐ 100

☐ 10^2

q. What is the corresponding exponent of $10^{\boxed{?}} = 10$?

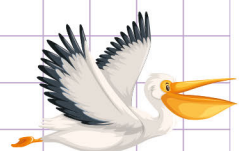
☐ 10

☐ 11

☐ 2

☐ 0

☐ 1



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a. $1,000 = 10^3$

d. $10,000,000 = 10^7$

g. $10 = 10^1$

b. $1,000,000 = 10^6$

e. $10,000 = 10^4$

h. $100 = 10^2$

c. $100,000 = 10^5$

f. $10,000,000,000 = 10^{10}$

Rewrite the following numbers using powers of 10.

i. $10^{\boxed{7}} = 10,000,000$

k. $10^{\boxed{6}} = 1,000,000$

m. $10^{\boxed{4}} = 10,000$

j. $10^{\boxed{5}} = 100,000$

l. $10^{\boxed{1}} = 10$

n. $10^{\boxed{0}} = 1$

In each case, tick the correct answer.

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