

Powers of 10

Grade 5 Exponents Worksheet

Find the value of the following exponents.

1) $6 \times 10^2 =$ _____ 6) $5 \times 10^7 =$ _____

2) $4 \times 10^3 =$ _____ 7) $3 \times 10^6 =$ _____

3) $7 \times 10^5 =$ _____ 8) $8 \times 10^1 =$ _____

4) $9 \times 10^4 =$ _____ 9) $3 \times 10^9 =$ _____

5) $2 \times 10^8 =$ _____ 10) $4 \times 10^{10} =$ _____

Circle the larger amounts.

1) 5×10^2 5×10^4

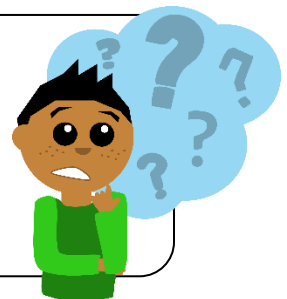
2) 6×10^5 9×10^3

3) 1×10^7 4×10^6

Add the following.

1) $(2 \times 10^3) + (4 \times 10^4) =$ _____

2) $(6 \times 10^6) + (5 \times 10^7) =$ _____



Answers

Find the value of the following exponents.

1) 600

6) 50,000,000

2) 4,000

7) 3,000,000

3) 700,000

8) 80

4) 90,000

9) 3,000,000,000

5) 200,000,000

10) 40,000,000,000

Circle the larger amounts.

1) 5×10^2

5×10^4

2) 6×10^5

9×10^3

3) 1×10^7

4×10^6

Add the following.

1) $(2 \times 10^3) + (4 \times 10^4) = \underline{42,000}$

2) $(6 \times 10^6) + (5 \times 10^7) = \underline{56,000,000}$