



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

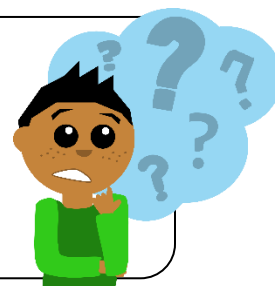
2) 6×10^5 9×10^3

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