

Why Do They Call the New Hair Dryer "Volcano"?



Estimate these products. Round each factor to its greatest place, then multiply the rounded factors. Find your estimate in the lists directly under the exercise. Write the letter of the answer in the box containing the number of the exercise. If the answer has a ●, shade in the box instead of writing a letter in it.

1. 32×8

2. 5×89

3. 73×18

4. 57×41

5. 9×665

6. A bus can carry 48 passengers. About how many people can ride on 7 buses?

7. 71×48

8. 87×22

9. 45×59

10. 294×63

11. 17×758

12. A theater has 84 rows with 39 seats in each row. About how many seats are in the theater?

13. 406×892

14. 710×365

15. $9,285 \times 34$

16. $53 \times 7,719$

17. $6 \times 6,180$

18. An ABC machine weighs 520 kg and costs \$4,250. About how much would a shipment of 28 ABC machines weigh?

19. 84×751

20. 396×469

21. 97×903

22. $7,840 \times 72$

23. $3 \times 292,650$

24. An XYZ machine weighs 81 kg and costs \$679. About how much would 310 XYZ machines cost?

Estimates:

(R) 140

(I) 2,400

(O) 240

(P) 3,500

(●) 350

(N) 4,500

(G) 450

(O) 6,300

(U) 1,400

(T) 63,000

Estimates:

(V) 320

(S) 3,500

(C) 1,600

(I) 16,000

(O) 1,800

(●) 18,000

(N) 3,000

(A) 30,000

(R) 3,200

(B) 35,000

Estimates:

(R) 1,500 kg

(R) 36,000

(F) 2,800

(Y) 270,000

(A) 4,000

(T) 280,000

(P) 15,000 kg

(O) 360,000

(N) 27,000

(●) 400,000

Estimates:

(S) 640

(●) 200,000

(R) \$21,000

(T) \$210,000

(T) \$56,000

(F) 560,000

(B) 64,000

(L) 900,000

(W) 90,000

(S) 2,000,000

11	14	7	16	22	1	12	6	19	23	13	21	4	9	2	10	15	5	3	17	20	24	8	18
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What Can We Learn From A Centipede?



1. Round the divisor to its greatest place.
2. Change the dividend to a number easy to divide by the rounded divisor.
3. Divide to estimate the quotient.

Use the procedure above to rewrite each exercise and estimate the quotient. Find your estimate at the bottom of the page. Write the letter of the exercise above it. (The first exercise has been done for you.)

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|----------------------------|-----------------------------|----------------------------|-----------------------------|
| (N) $2,341 \div 79$ | (E) $3,625 \div 52$ | (I) $7,049 \div 88$ | (O) $246 \div 43$ |
| $2,400 \div 80 = 30$ | | | |
| (A) $287 \div 68$ | (N) $5,518 \div 609$ | (H) $1,447 \div 314$ | (N) $49,068 \div 71$ |
| (I) $10,935 \div 36$ | (E) $41,140 \div 49$ | (N) $47,275 \div 783$ | (W) $79,800 \div 906$ |
| (Y) $63 \overline{)3,209}$ | (A) $789 \overline{)5,711}$ | (H) $27 \overline{)5,926}$ | (T) $21 \overline{)79,500}$ |

- (M) It is 318 miles from Los Angeles to Yosemite National Park. At an average speed of 41 miles per hour, about how many hours does it take to drive this distance? _____
- (C) Kathy earns \$26,190 per year as a designer. About how much does Kathy earn per week? (1 year = 52 weeks) \$ _____
- (F) While running for office, Trix Smile shook 52,270 hands and kissed 3,509 babies. If his campaign lasted 88 days, estimate the average number of babies kissed each day. _____

5	6	90	6,000	8	4	30	50	N															
5	6	90	6,000	8	4	30	50	N															