5th Grade

Name _____ Multiplying with regrouping—two 2-digit factors

Famous Landmarks

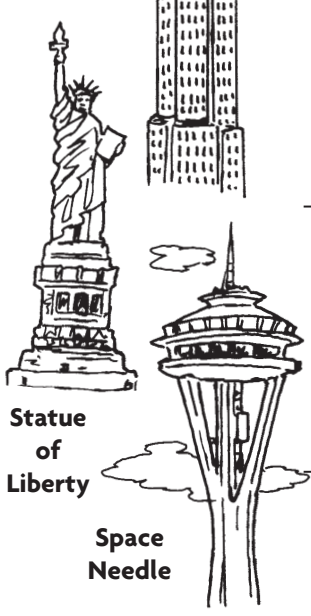
Which of these landmarks is the tallest? Multiply. Write the ones digit of each product, in order, to find the height of each landmark. Circle the tallest landmark.

Gateway Arch

73 x 42 | 49 x 27 | 55 x 72 = _____ feet tall

Empire State Building

87 x 63 | 67 x 42 | 25 x 97 | 76 x 14 = _____ feet tall



Statue of Liberty

83 x 81 | 48 x 45 | 79 x 65 = _____ feet tall

Space Needle

76 x 86 | 65 x 56 | 83 x 25 = _____ feet tall

The Willis Tower in Chicago is 110 stories tall. If 55 people work on each floor, how many total people work in the building?

Multiplication: 3-Digits by 2-Digits Practice

1	635 x 12	2	822 x 43
3	581 x 49	4	782 x 59
5	615 x 42	6	799 x 83
7	457 x 34	8	403 x 32
9	886 x 98	10	384 x 78
11	779 x 83	12	607 x 37

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Name: _____

3-Digit by 2-Digit Multiplication

Secret Code Math

Multiplication: 3-Digits by 2-Digits

Decode the numbers and find the products.

1	2	3	4	5	6	7	8	9	0
⊞	▲	⋈	⊡	⊖	∧	⊖	←	Z	⬣

a. Code Numbers: ← ⬣ ▲ x ⊞ ⋈ — *Regular Numbers*: 802 x 13

b. Code Numbers: ⊖ ▲ ⋈ x ▲ ∧ — *Regular Numbers*:

c. Code Numbers: ⊖ ⬣ ⊞ x ⋈ ∧ — *Regular Numbers*:

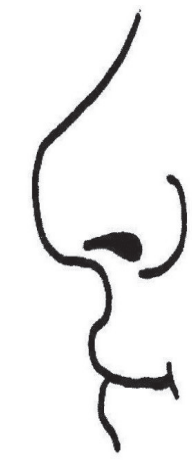
d. Code Numbers: ∧ Z ⊖ x ⊞ ⊞ — *Regular Numbers*:

e. Code Numbers: ⊡ ⬣ ⬣ x ⊖ ← — *Regular Numbers*:

f. Code Numbers: ⊖ ⊡ Z x ⊡ ▲ — *Regular Numbers*:

The 12 inch nose!

Find the products. Then, solve the riddle by matching the letters to the blank lines below.



I 223 x 84	T 354 x 64	O 278 x 37	O 506 x 54
O 862 x 48	L 968 x 78	T 421 x 35	N 302 x 95
T 826 x 34	H 614 x 29	D 233 x 84	F 776 x 40	E 425 x 32
B 487 x 26	W 868 x 73	E 963 x 26	A 547 x 27	U 812 x 56

Why can't a nose be 12 inches long?

22,656	17,806	25,038	28,690		18,732	28,084		
63,364	27,324	45,472	75,504	19,572		12,662	13,600	14,769
31,040	41,376	10,286	14,735					