

Challenge

Work those Muscles — Smile!

How many muscles do you use to smile?

Follow the directions below to cross out the numbers in the table. Circle the number that remains. The number circled will be the answer to the last question.

Cross out the following numbers:

1. All the numbers that are count-bys of 9
2. All the factors of 21
3. All the factors of 48
4. All the count-bys of 5
5. All the numbers that have 3 as a factor
6. All the numbers that have 4 as a factor
7. All the numbers with only two factors

25	18	14	20	75
21	50	36	42	8
6	12	24	16	9
4	7	10	32	48
72	27	56	81	23

8. How many muscles do you use to smile? _____

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Follow the directions below to cross out the numbers in the table. Circle the number that remains. The number circled will be the answer to the last question.

Cross out the following numbers:

1. All the numbers that are count-bys of 9 **18, 36, 9, 72, 27, 81**
2. All the factors of 21 **21, 7**
3. All the factors of 48 **8, 6, 12, 24, 16, 4, 48**
4. All the count-bys of 5 **25, 20, 75, 50, 10**
5. All the numbers that have 3 as a factor **18, 75, 21, 36, 42, 6, 12, 24, 9, 48, 72, 27, 81**
6. All the numbers that have 4 as a factor **20, 36, 8, 12, 24, 16, 4, 32, 48, 72, 56**
7. All the numbers with only two factors **23**

25	18	<u>14</u>	20	75
21	50	36	42	8
6	12	24	16	9
4	7	10	32	48
72	27	56	81	23

8. How many muscles do you use to smile? **14 muscles**