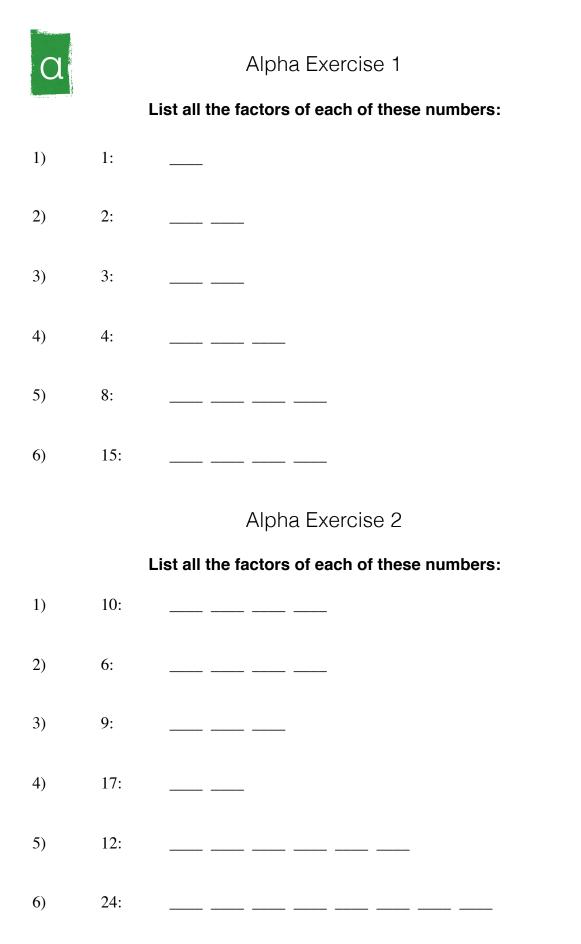
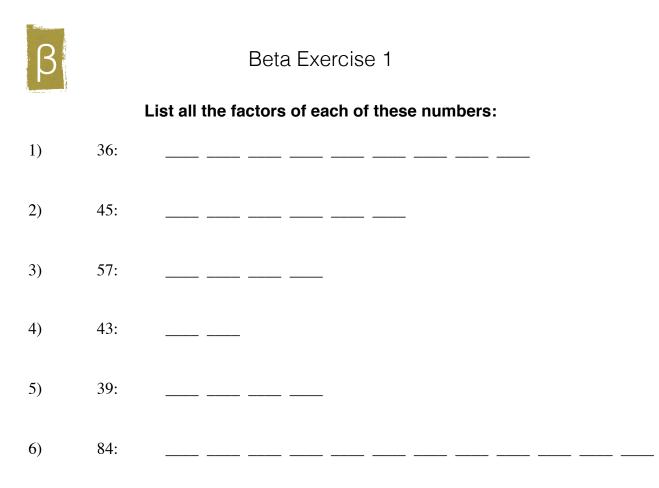
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Beta Exercise 2

List all the factors of each of these numbers:

- 1) 18
- 2) 20
- 3) 27
- 4) 75
- 5) 63
- 6) 54



Gamma Exercise 1

Find the highest common factor of each of these pairs of numbers:

1) 4 and 18

2) 15 and 20

3) 9 and 27



Gamma Exercise 1 (contd.)

Find the highest common factor of each of these pairs of numbers:

1) 50 and 75

2) 18 and 63

3) 54 and 90



Gamma Exercise 2

Find the highest common factor of each of these sets of numbers:

1) 3 and 14

2) 25 and 15

3) 21, 35 and 42



Gamma Exercise 2 (contd.)

Find the highest common factor of each of these sets of numbers:

4) 55 and 77

5) 10, 15 and 25

6) 210 and 525



Explain the mistake

Sophia writes: 28 is a factor of 7 because 7 goes 4 times into 28.

Sophia's sentence is incorrect. How would you correct it?

Exam-style question 1

- (a) Write all the factors of 56.
- (b) Find the highest common factor of 56 and 28.
- (c) Find the highest common factor of 56, 28 and 21.

Exam-style question 2

The highest common factor of 42 and 105 is 21.

Write $\frac{42}{105}$ as a fraction in its simplest form.