

Aufgaben zur Binomialverteilung

1.

A) 71,81%

B) 66,31%

C) 3,48%

D) 100%

E) 2,96%

2.

A) 79,18%

B) 0%

C) 0%

D) 0%

E) 0,6%

F) 55,35%

3.

A)

-) 1,2%

-) 100%

-) 0,13%

B)

-) 2,42%

-) 8,63%

-) 0,77%

C)

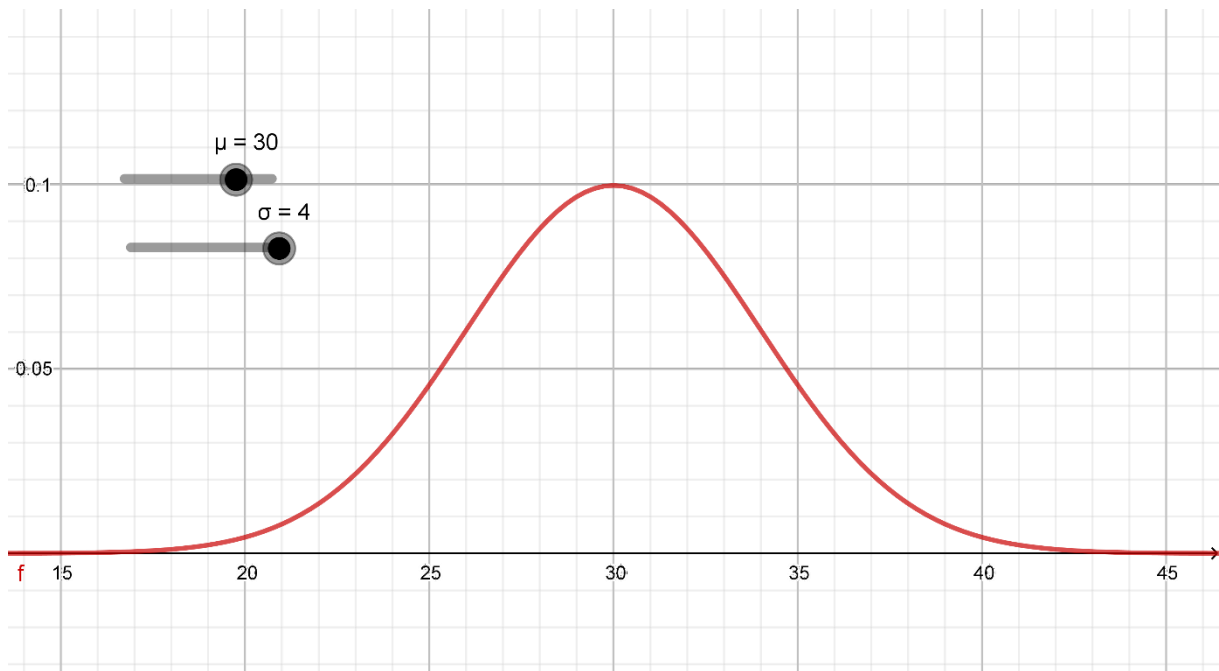
-) 1,51%

-) 0%

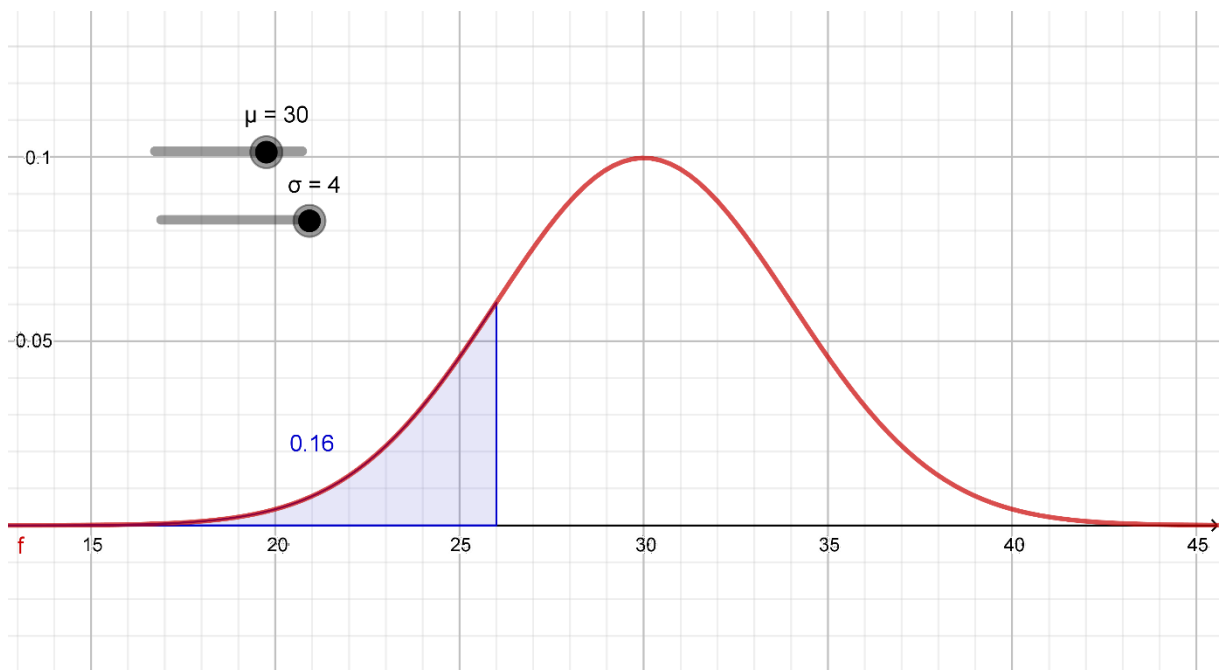
Aufgaben zur Normalverteilung:

1.

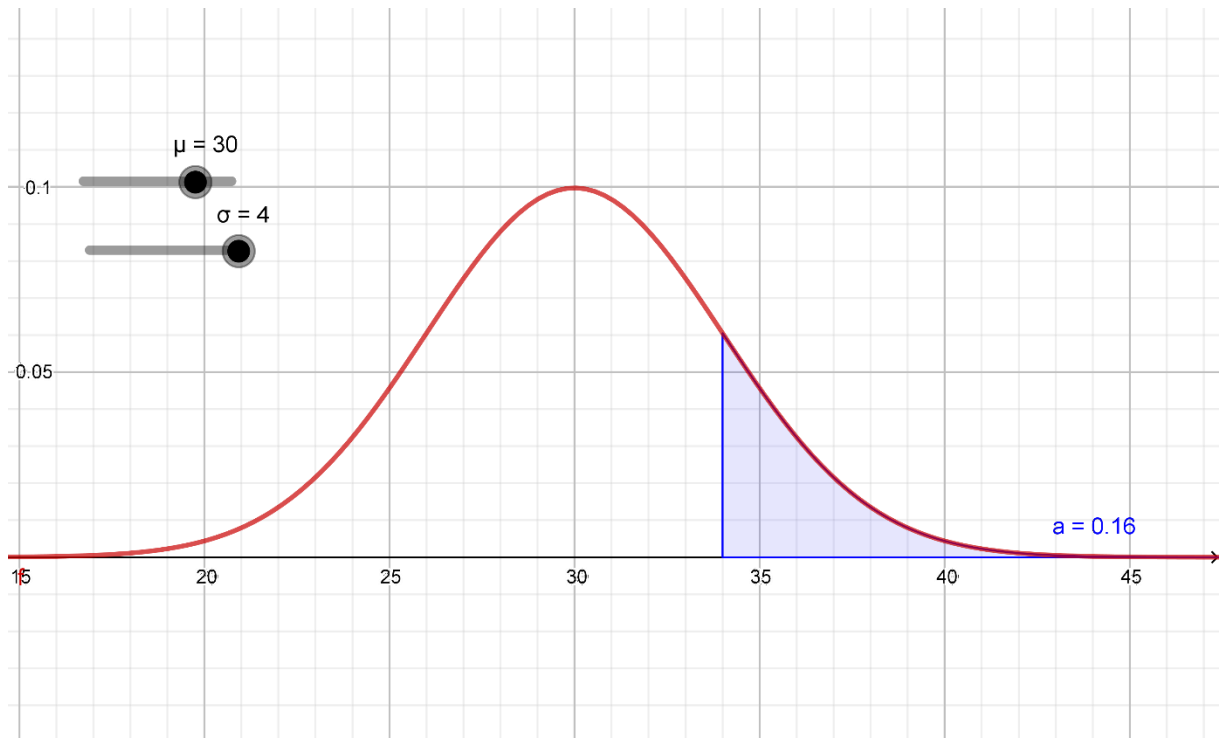
Graph der Funktion:



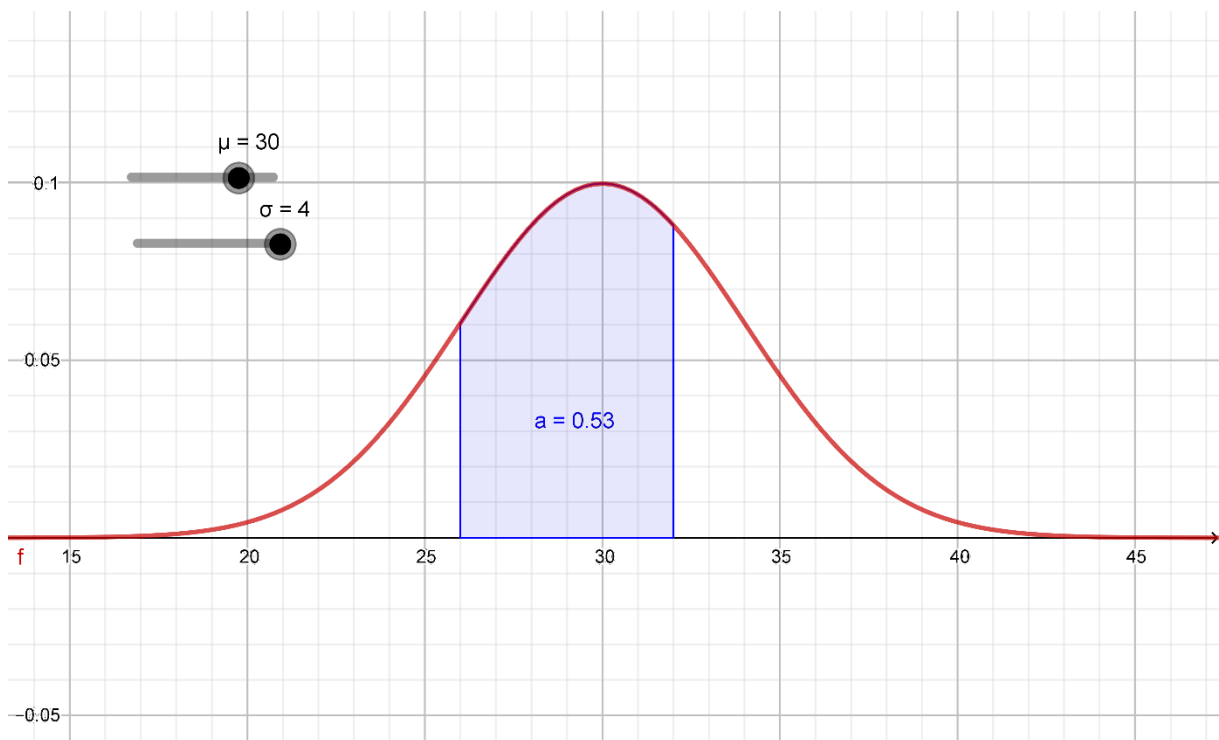
$P(X \leq 26) = 16\%$



$$P(X \geq 34) = 16\%$$



$$P(26 \leq X \leq 32) = 53\%$$



2.

a) 26,41%

b) 13,73%

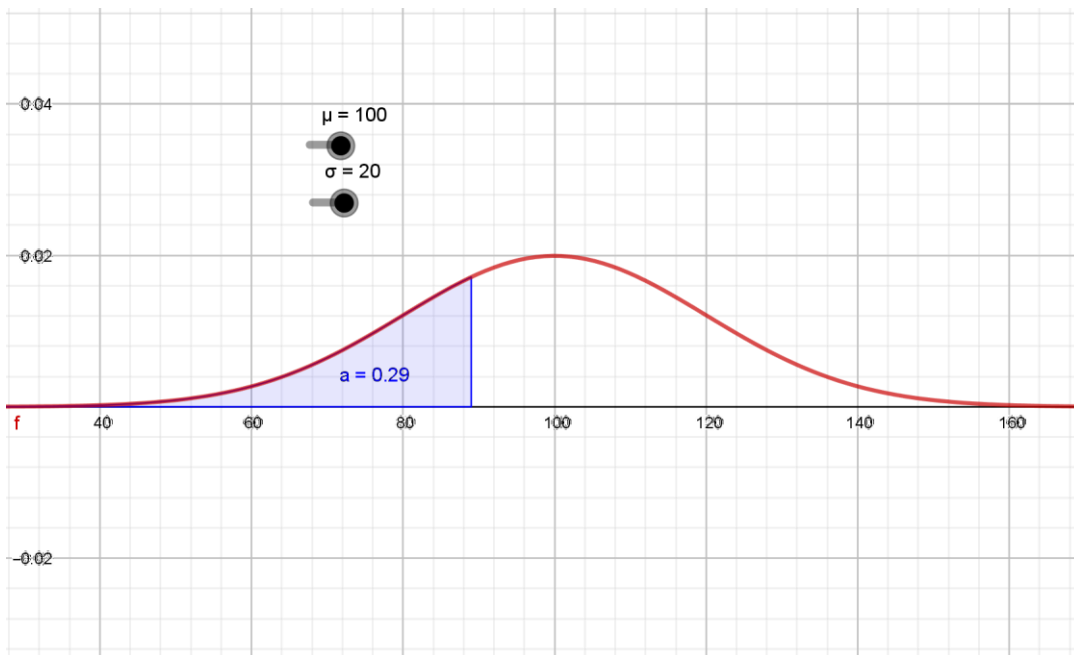
c) 43,28%

d) 38,28%

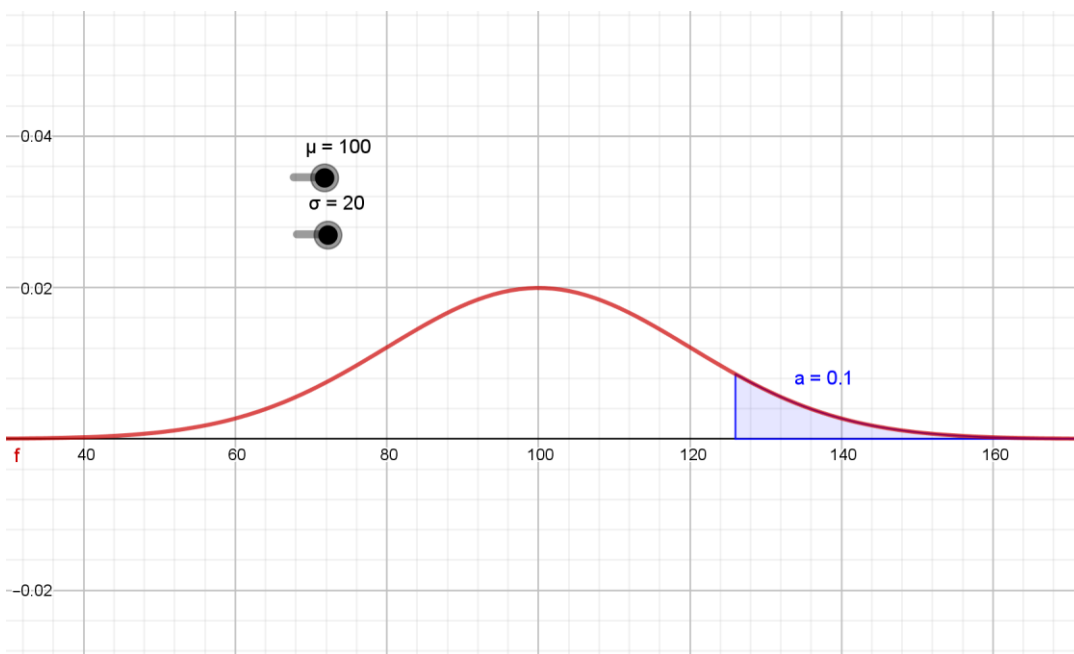
e) 46,17%

3.

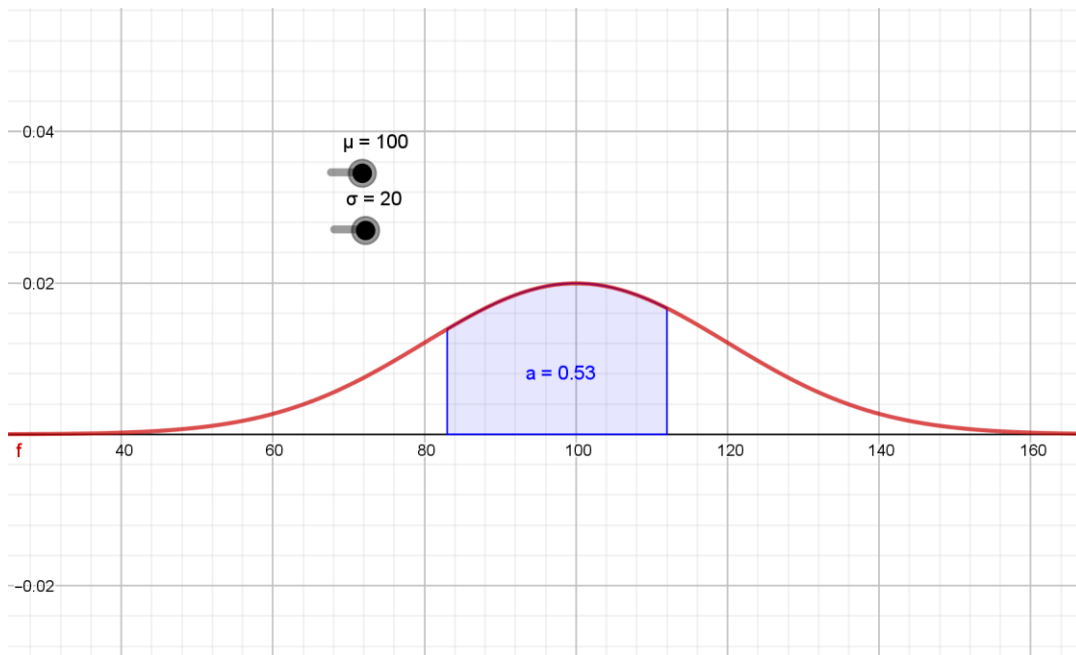
a) 29,12%



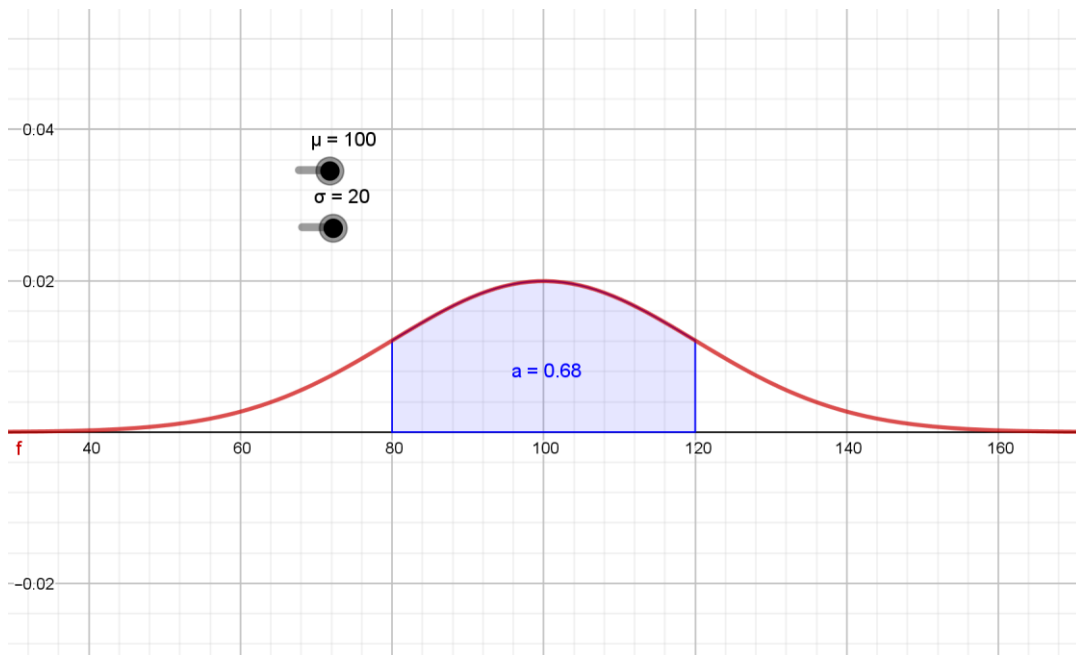
b) 9,68%



c) 52,81%



d) 68,27%



4.

a) 51,5

b) 156,7

c) 57,38 – 139,62

d) 46,02%

5.

a) 10,5 Jahre – 23 Jahre

b) 12,67 Jahre

c) 24,25 Jahre