Embedded app of the day
Parallax
Ping Sensor

Send the byte xA5. 10100101
MSB 1010001010101

Comp1
agree * speed
#Stop bit
#Parity (Even, odd, none)

Comp2

Comp1
start 01010111 EP stop

Is this ok?
Identified parity error
Sending x AS5, Even Parity, 1 stop bit
300 bps

How long to transmit?
bits sent = 8 data, 1 start, 1 parity, 1 stop
11 bits
\[
\frac{11 \text{ bits}}{300 \text{ bps}} = 0.036 \text{ seconds}
\]

bytes of real data per seconds?
27 bytes per second.

If I desire to send 512 bytes per second, even parity, 1 stop bit
what will be my minimum bps?

\[
512 \text{ bytes} \times \frac{11 \text{ bits}}{1 \text{ byte}} = 5632 \text{ bps}
\]

110, 150, 300, 600, 1200, 2400, 4800, 9600, 19200, 31250, 38400