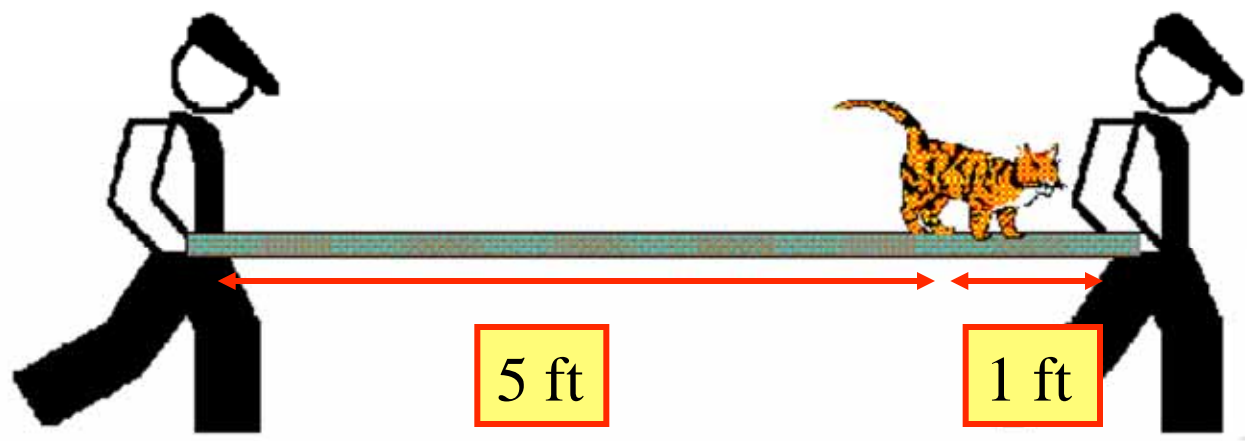
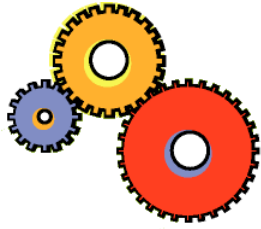


What fraction of the ladder's weight does each hold up?



# What fraction of the cat's weight does each hold up?





# Which way will it slide?



- Balance a meter stick on your two index fingers with one held at the end of the meter stick and the other held at the one-quarter point.



If you now try to slowly slide your fingers together, which one will slide towards the middle of the meter stick?

1. Both
2. The one near the end of the meter stick.
3. The one at the  $\frac{1}{4}$  point.
4. Neither