1. (a) If 1/2 of the jar is 31 cookies, we already have our unit fraction.
   The jar holds all the cookies – that’s 2/2 of the cookies.
   It holds 2 * 31, or 62 cookies.

(b) If 2/8 of the jar is 10 cookies, then 1/8 is 5 cookies.
   The jar holds all the cookies – that’s 8/8 of the cookies.
   It holds 8 * 5, or 40 cookies.

(c) If 3/5 of the jar is 36 cookies, then 1/5 is 12 cookies.
   The jar holds all the cookies – that’s 5/5 of the cookies.
   It holds 5 * 12, or 60 cookies.

(d) If 3/8 of the jar is 21 cookies, then 1/8 is 7 cookies.
   The jar holds all the cookies – that’s 8/8 of the cookies.
   It holds 8 * 7, or 56 cookies.

(e) If 4/7 of the jar is 64 cookies, then 1/7 is 16 cookies.
   The jar holds all the cookies – that’s 7/7 of the cookies.
   It holds 7 * 16, or 112 cookies.

(f) If 3/11 of the jar is 45 cookies, then 1/11 is 15 cookies.
   The jar holds all the cookies – that’s 11/11 of the cookies.
   It holds 11 * 15, or 165 cookies.

2. If 6/10 of the distance takes 48 minutes, then 1/10 takes is 8 minutes.
   He wants to walk all the way – that’s 10/10 of the distance.
   It takes 10 * 8, or 80 minutes.

3. If 3/8 of the candle burns for 36 minutes, then 1/8 burns for 12 minutes.
   This time, though, we don’t want all the burning time, just what’s left – we want the remaining 5/8.
   The rest of the candle burns for 5 * 12, or 60 minutes.