



Solutions

These are sample solutions. Students may find other correct answers.

- 1** 1. 10 crabs; the difference between trips is $+ 2$; $2n$
2. 6 clams; the difference between trips is $+ 1$; $n + 1$
- 2** 1. 15 toads; the difference between trips is $+ 3$; $3n$
2. 25 snails; the difference between trips is $+ 5$; $5n$
- 3** 1. 7 turtles; the difference between trips is $- 2$; $17 - 2n$
2. 4 snakes; the difference between trips is $- 4$; $24 - 4n$
- 4** 1. 24 sharks; the difference between trips is $+ 5$; $5n - 1$
2. 6 frogs; the difference between trips is $- 4$; $26 - 4n$
- 5** 1. 63 worms; the difference between trips is $+ 6$; $6n + 3$
2. 16 fish; the difference between trips is $- 8$; $96 - 8n$
- 6** 1. 4 people; the difference between shows is $- 7$; $67 - 7n$
2. 57 riders; the difference between rides is $+ 7$; $5n + 7$
3. 84 caps total; the difference between hours is $+ 4$; $4n$