



Force & Motion

Name: _____

Date: _____

Grade: Grade 2

Part A: Fill in the Blank

Write the missing word or number on each line.

1. When two surfaces rub together, the force made is _____ .
2. Rough surfaces usually have _____ friction than smooth ones.
3. A block slides farther on a smooth floor than on a _____ rug.
4. Ice is very smooth, so it has very little _____ .
5. Sandpaper feels rough, so it has a lot of _____ .
6. Friction turns motion into heat, which is why your hands get _____ when you rub them.
7. A toy car rolls the farthest on a _____ floor.
8. Shoes with bumpy soles grip the ground because of _____ .
9. On a slippery floor there is less friction, so you may _____ .

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

ice rink	→ _____	sled glides far
sandpaper	→ _____	block stops fast
waxed floor	→ _____	socks slide easily
grassy hill	→ _____	ball rolls slowly

Answer Key · Force & Motion · Grade: Grade 2

Part A: Fill in the Blank

Write the missing word or number on each line.

1. When two surfaces rub together, the force made is friction .
2. Rough surfaces usually have more friction than smooth ones.
3. A block slides farther on a smooth floor than on a rough rug.
4. Ice is very smooth, so it has very little friction .
5. Sandpaper feels rough, so it has a lot of friction .
6. Friction turns motion into heat, which is why your hands get warm when you rub them.
7. A toy car rolls the farthest on a smooth floor.
8. Shoes with bumpy soles grip the ground because of friction .
9. On a slippery floor there is less friction, so you may slip .

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

ice rink	→ <u>sled glides far</u>	sled glides far
sandpaper	→ <u>block stops fast</u>	block stops fast
waxed floor	→ <u>socks slide easily</u>	socks slide easily
grassy hill	→ <u>ball rolls slowly</u>	ball rolls slowly