

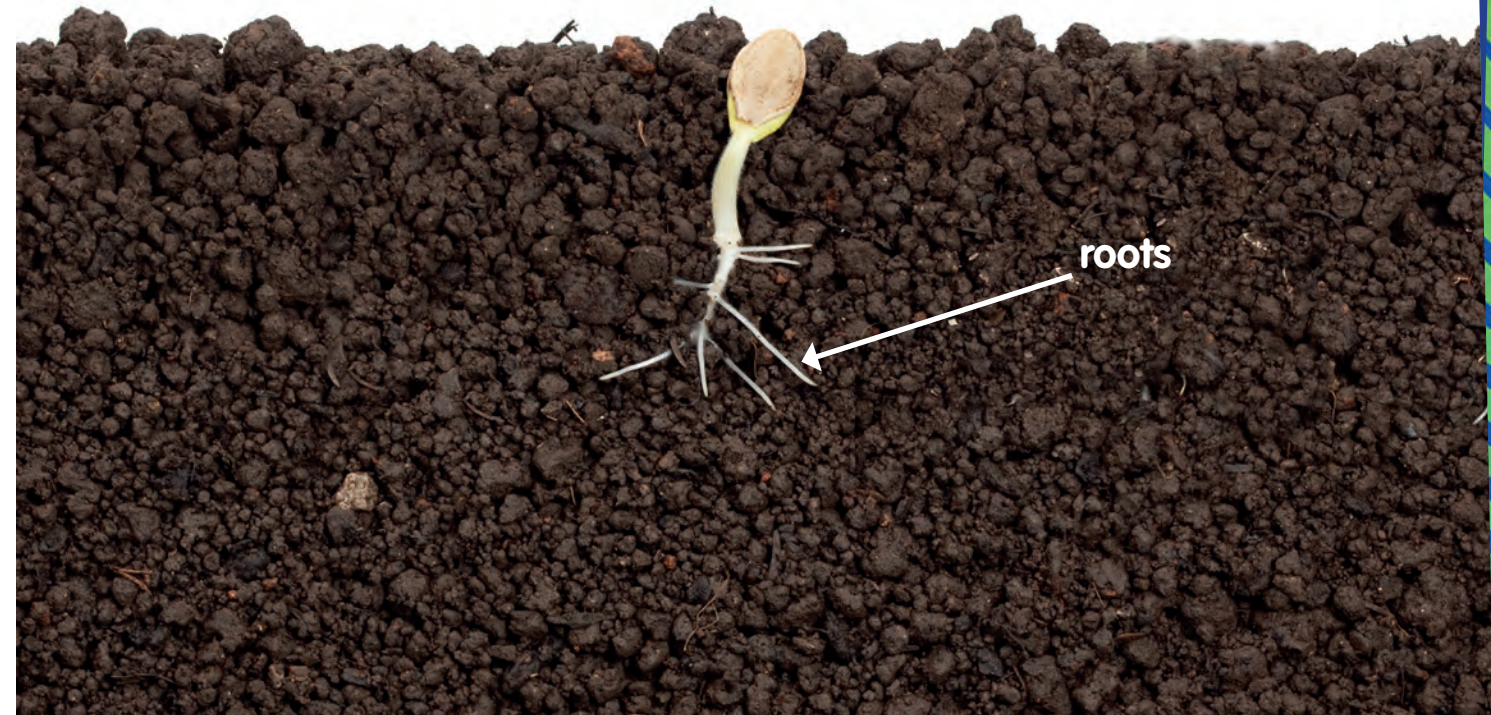
Start with a Seed

A pumpkin begins its life cycle as a seed. First, the seed is placed in the ground and covered with soil.



Pumpkin seeds are planted in rows or on small hills.

Soon, the pumpkin seed opens. **Roots** grow down into the soil.



Roots take in water from the soil.

Making Tens

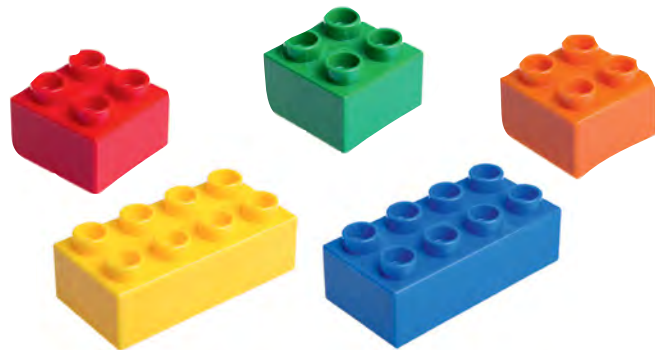
Help Anika and Oscar make tens.



$$1 + _ = 10$$

Anika has one soccer ball. How many more does she need to make ten?

$$5 + _ = 10$$



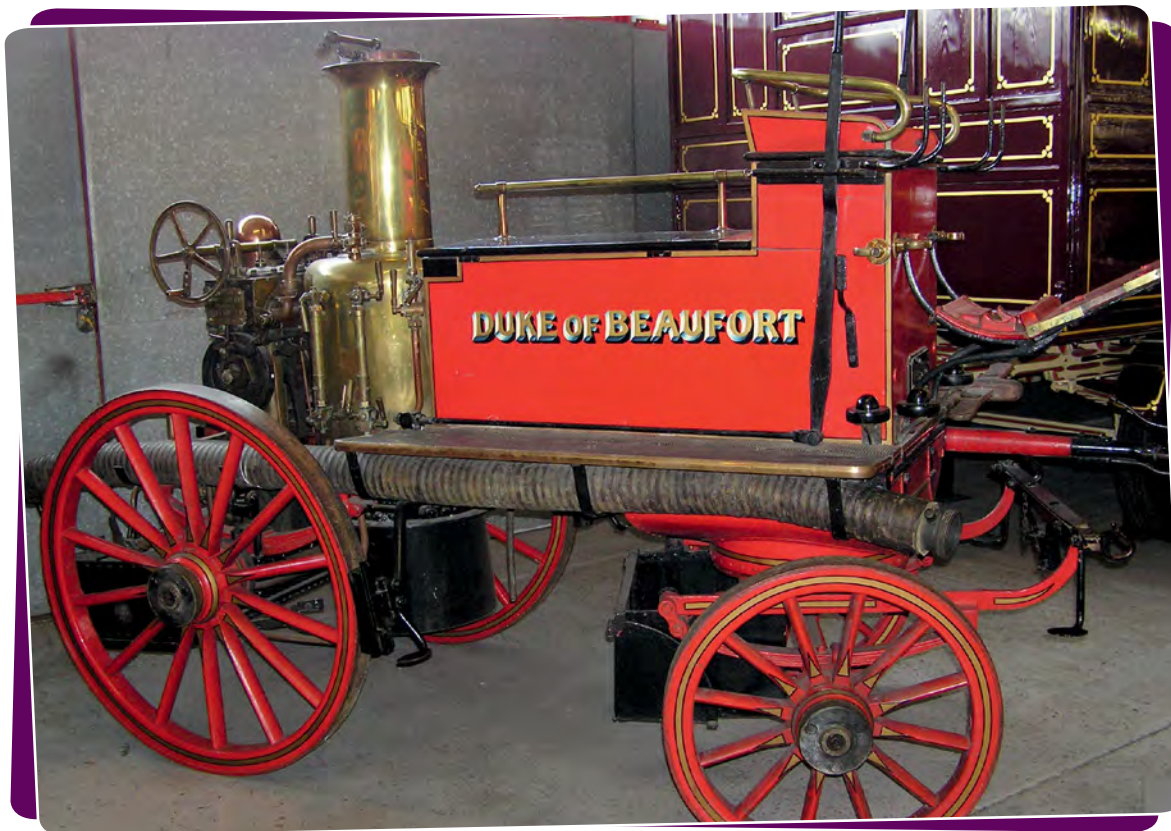
Oscar has five blocks. How many more does he need to make ten?



How many more marbles do Anika and Oscar need to make three bundles of tens?

Fighting Fire

A fire truck is a technology that makes life safer.



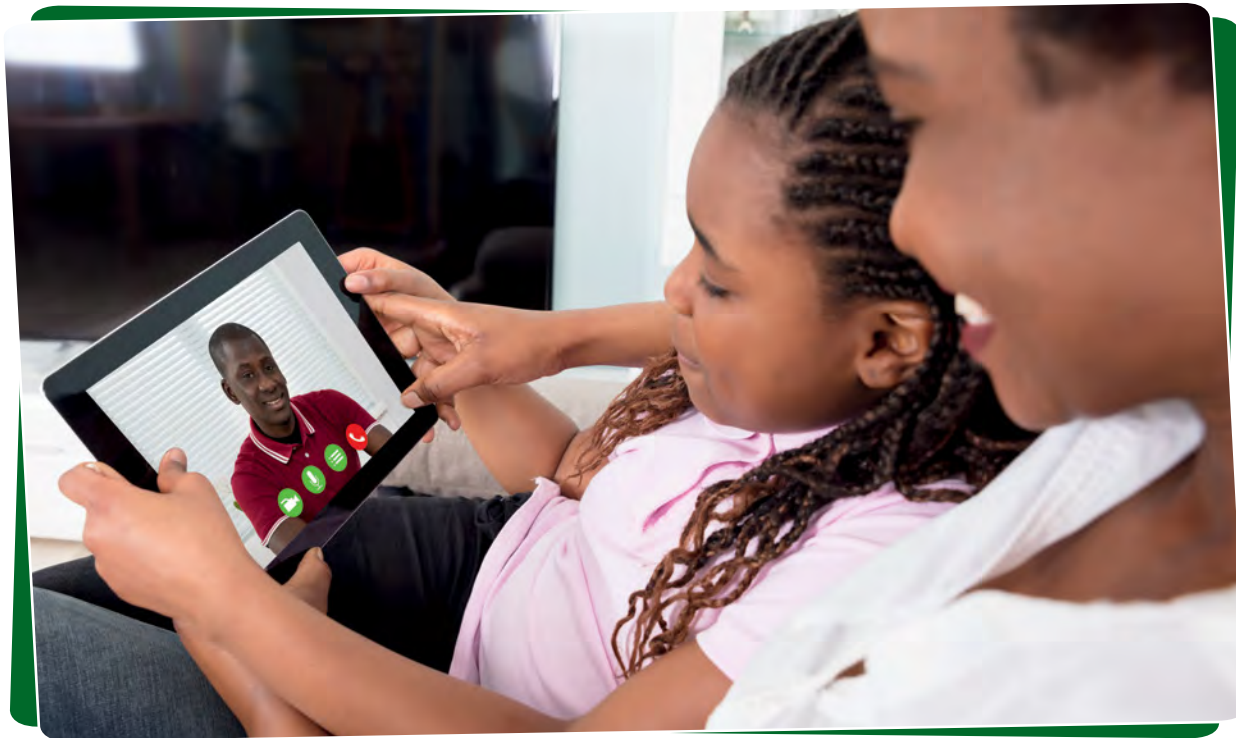
Long ago, fire trucks were pulled by horses or people. The trucks had buckets of water to help stop fires.



Today, fire trucks have **engines**. They can travel to fires quickly. They have long hoses and ladders. This helps firefighters stop fires more easily.

By Design

Engineers **design** things that solve problems. The things they design are called **technologies**.



Engineers design ways for people who live far apart to talk to each other.

Engineers **improve** technologies. They make them work better.



An engineer named Alexander Graham Bell made the first telephone. Engineers have improved telephones over time.

Working Together

Artists can combine, or put together, their ideas and skills. They work together to make beautiful art!

Artists can work together to make pictures. Some pictures, such as this **mural**, are very big. Many artists worked together to paint it!



It takes days for these artists to make paintings out of sand. Working together helps them create art more quickly.

These artists are painting a colorful picture together.

