

Worksheet 1: THE MOVIE

1. Watch a short clip of the movie. Have you ever seen this movie?
2. Watch it again and write down how many people are speaking in this clip? How do they look like? Describe them.

3. Watch the clip again (the subtitles below can help you). Can you guess the title?

TITLE: _____

Then what is it you're doing?
I'm paying it forward.

That's 27, so--
I'm not really good at math but it
gets big really fast. You know?

I know you want me to go.
I'll go.

All right, all right, all right.

What's paying it forward?

That's me.
And that's three people.
And I'm going to help them, but it has
to be something really big...
...something they can't do
by themselves.
So I do it for them...
...then they do it for
three other people.
That's nine.
And I do three more....

4. What do you think the movie is about? Tell it to your partner next to you. You can speak in Czech.

5. Write down the place where the small boy was? What was he doing there?

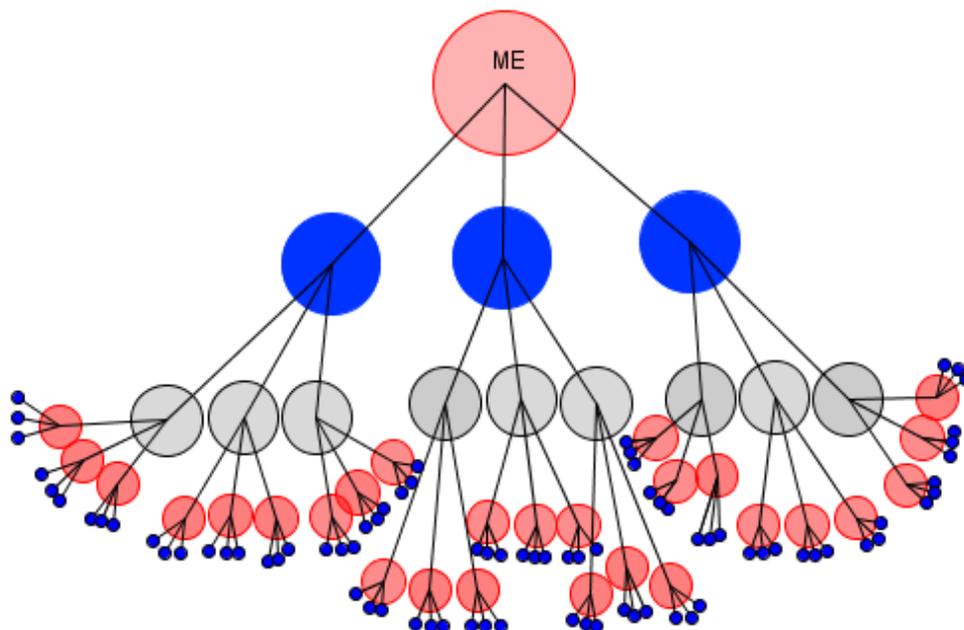
6. What is the reason (důvod) we are watching this clip now?

7. Can you sketch (draw) the mathematical problem from the clip?

8. How many people the boy can help to? Explain the answer to your partner.

Worksheet 2: SOLVING THE PROBLEMS FROM THE REAL LIFE

1. Now look at this sketch. How many people the boy can help to?

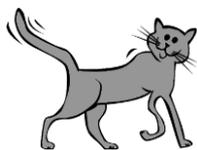


2. We call this method the mathematical tree. You have already known it since the primary. There are more ways how to solve (vyřešit) this problem, without the pictures.

Do you know about some of them? Work with your partner, you can use the calculator.

3. Solve this mathematical problem. Use any way for you answer.

"In a school bus, there are 7 children. Each child has 7 bags. In each bag, there are 7 cats, and each cat has 7 little kittens. How many legs are there in a bus?"



Don't forget the bus driver!!



The answer is:

4. Prepare the presentation of your solution for others. Make a poster, play the drama, draw the pictures ...

Worksheet 3: THE PRESENTATION

1. Do the presentation of your solution for others.
2. Evaluate (ohodnot) the presentation of your schoolmates.
3. Think about similar problem from the real life. Write it down for another group.