Geometric similarity landmark activity

Examples of pupils' work

Examples are from

- Investigation 5, Q. 2 "What is the relationship between corresponding angles in mathematically similar shapes?"

What is the relationship between corresponding angles in mathematically similar shapes?"(Inv 5, Q2 3)

2. Given what you know so far, what is the relationship between corresponding angles in mathematically similar shapes?

∠ the corners have the same degree in every corner
Mathematically similar shapes have always equal corresponding angles

3. Why would that be true?

∠ ~~Because if all corners are same then the sides have to be same~~
If the corresponding angles are not equal, the shapes looks wraped

2. Given what you know so far, what is the relationship between corresponding angles in mathematically similar shapes?

∠ They stay the same.

3. Why would that be true?

∠ Because you change the width and the hight by the same amount.

2. Given what you know so far, what is the relationship between corresponding angles in mathematically similar shapes? nearly the same

∠ they are ~~close~~ to the original

3. Why would that be true?

∠ because then it will not be mathematicaly similar

• How will you use the software to enable pupils to respond to this challenging set of questions?