

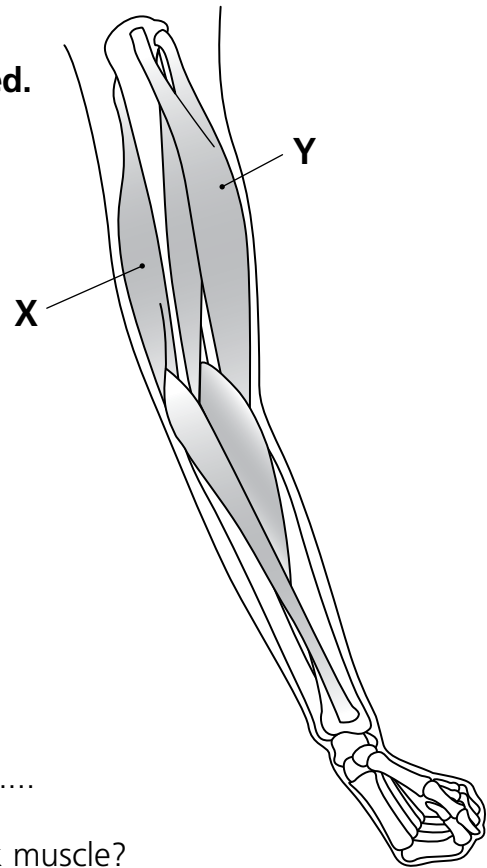


Name: Form:

See pages 14 and 15 of *Moving and growing*

Muscles move bones

**Bones have rounded ends so they can be moved.
But to move them requires muscles.**



Q1. (i) Name muscles X and Y.

X
Y

Y

(ii). When X is relaxed, and Y tightens,
which way does the lower arm move?
Draw an arrow on the diagram.

Q2. How many muscles are there in the body?

(a) Over 400; (b) Over 500; (c) Over 600
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Q3. How can you tell a strong muscle from a weak muscle?

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Q4. (i) What happens to a muscle when it tightens?

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(ii) What happens to a muscle when it relaxes?

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Q5. How many muscles are around each joint in the skeleton?

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Q6. (i) What will happen to muscle X when muscle Y tightens?

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(ii) What will happen to muscle Y when muscle X tightens?

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