Worksheet 1.8.4 Exploring problems with the skeletal system

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1 What is the problem? >

The box shows problems with the skeletal system. (Look up any unfamiliar words.)

torn muscle arthritis

osteoporosis fracture

tendonitis muscular dystrophy

scoliosis torn ligament

Sort these problems into three groups:

a) Problems with bones;

…………………………………………………………………………………………………………………

b) Problems with muscles;

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c) Other problems.

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2 Describe the problem >>

Summarise what you have learned about these problems with the skeletal system:

* fractures

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* arthritis

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* osteoporosis

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* muscular dystrophy.

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3 Improve techniques >>>

As scientific advances are made, diagnosing and treating problems with the skeletal system has become more successful. Find out about **one** of these procedures:

* joint replacements;
* X-ray;
* genetic screening.

Summarise what you have found out below.

Procedure researched: ……………………………………………………………

a) what the technique is used for;

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b) how the technique has improved over time;

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c) whether there are likely to be further improvements.

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