

Thyroxine

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Name: KEY

Bio. 12, Block:

Date:

1. Which nutrient might you be missing if you had an enlarged thyroid gland? iodine
2. What type of cellular transport puts the above nutrient into your thyroid gland? active transport
3. What condition develops in humans when the thyroid fails to develop properly? cretinism
4. Which organ[s] does thyroxin stimulate? stimulate all body cells to ↑ metabolic rate
5. Which gland produces Thyroxin Stimulating Hormone [TSH]? anterior pituitary
6. If you are lethargic, cold, and have a lower than normal pulse rate, you might have hypothyroidism / myxedema (name the condition/disease)
7. Too much thyroxin [excess production] gives adults exophthalmic goiter. 2 symptoms of this condition are: protruding eyes, hyper, and nervous, irritable, insomnia
8. How is exophthalmic goiter treated by doctors? destroy part of thyroid by surgery or radiation
9. Where, in your body, is your thyroid gland? neck, wraps around Adam's apple.
You may draw a stick-person and point if you like.

