

Name: _____

PUNNETT SQUARES SCIENCE STARTERS

3/25-3/29/2024

ALL UNIT SCIENCE STARTERS MUST BE TURNED IN BY THE UNIT TEST TO RECEIVE CREDIT

Points:	Question:	Answer:
Monday /2	In a certain species of parrots, having yellow feathers is a dominant trait. Having green feathers is a recessive trait. A homozygous yellow parrot is crossed with a homozygous green parrot. If the female parrot lays four fertile eggs, what will be the phenotypes of the offspring? A. all green C. two yellow and two green	B. all yellow D. three green and one yellow
Tuesday /2	Jan has a cat that is about to have kittens. She wonders how much they will look like their mother. Which of the following best explains the physical resemblance that kittens often have to their mother? A. They are identical to the mother cat because they are produced through asexual reproduction. B. They have some characteristics of the mother cat because they are produced through asexual reproduction. C. They have some characteristics of the mother cat because they are produced through sexual reproduction D. They are identical to the mother cat because they are produced through sexual reproduction.	

Wednesday

/2

Florida panthers can have straight tails (S) or curly tails (s). What is the probability that two heterozygous panthers (both Ss) will have offspring with curly tails?

A. 25% B. 50% C. 75% D. 100%

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<p>Tuesday</p> <p>/2</p>	<p>Jan has a cat that is about to have kittens. She wonders how much they will look like their mother. Which of the following best explains the physical resemblance that kittens often have to their mother?</p> <p>A. They are identical to the mother cat because they are produced through asexual reproduction.</p> <p>B. They have some characteristics of the mother cat because they are produced through asexual reproduction.</p> <p>C. They have some characteristics of the mother cat because they are produced through sexual reproduction</p> <p>D. They are identical to the mother cat because they are produced through sexual reproduction.</p>
<p>Wednesday</p> <p>/2</p>	<p>Florida panthers can have straight tails (S) or curly tails (s). What is the probability that two heterozygous panthers (both Ss) will have offspring with curly tails?</p> <p>B. 25% B. 50% C. 75% D. 100%</p>
<p>Thursday</p> <p>/2</p>	<p>Rabbits born with the recessive trait of albinism lack pigment. The pedigree chart below shows the inheritance pattern of albinism in a certain family of rabbits.</p> <p>What is missing in the pedigree for the first generation?</p> <p>A. Rabbit 3 should be shaded</p> <p>B. Rabbit 6 should have shading</p> <p>C. All first generation rabbits should be shaded</p> <p>D. All rabbits in the first generation should be shown as normal</p> <div data-bbox="472 990 976 1453"> <p>ALBINISM IN A FAMILY OF RABBITS</p> </div>

<p>Friday</p> <p>2/2</p>	<p>Good Friday</p>
<p>Thursday</p> <p>/2</p>	<p>Rabbits born with the recessive trait of albinism lack pigment. The pedigree chart below shows the inheritance pattern of albinism in a certain family of</p>

CUBE Test-Taking Strategy

C

Circle your vocabulary words

U

Underline important words

B

BOX in the question

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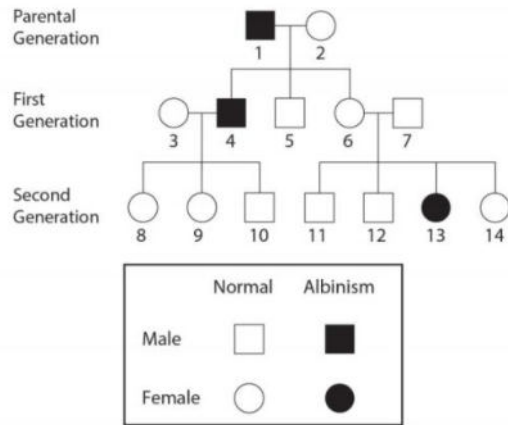
~~ELIMINATE~~ wrong answers

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ALBINISM IN A FAMILY OF RABBITS



Friday

Good Friday

2/2

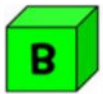
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