



Ruth  
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# Quantum! Physics!

*Illustrated by*  
Irene Chan



Baby loves Cat!

meow!





Sometimes Cat likes to hide.









Where is Cat now?



Baby wants to find him!



Is Cat here?





Or here?



Cat is in the box!





Maybe Cat is asleep.

Shhh...





Maybe Cat is awake.

meow!











In quantum physics,  
until Baby looks in the box,  
Cat is both asleep ***and*** awake.







When Baby opens the box,  
she will find out if Cat is  
asleep or awake.









meow!

Hello, Cat!







# Science

Little books about big ideas



Can Cat be awake and asleep  
at the same time?

Play hide-and-seek with Schrödinger's  
famous feline.

meow!



For Alyssa, who is very good at seeing all the possibilities—R. S.

For Susan, who took a leap of faith in me—I. C.

Very special thanks to Dr. Fred Bortz  
for his invaluable expertise and advice.

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