

How Many Bits

Draw a picture and write a number sentence to show how each number is grouped.

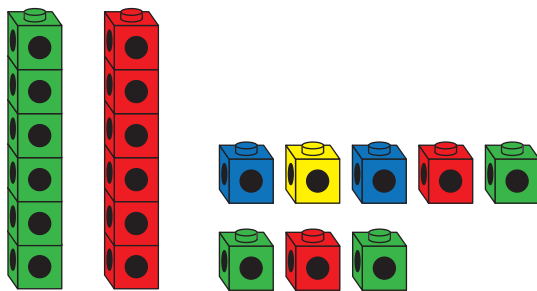
1. I have 2 skinnies and 8 bits.

Number sentence _____

2. I have 1 skinny and 18 bits.

Number sentence _____

3. Circle the ways to show 28.



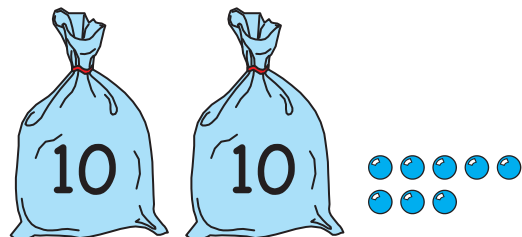
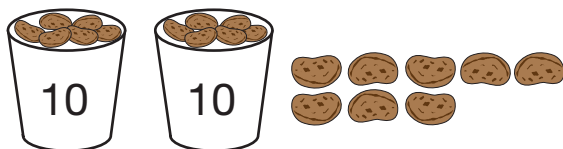
$$10 + 10 + 8 = 28$$



$$20 + 8 = 28$$

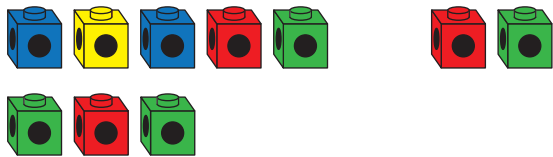


$$2 + 8 = 28$$



4. Show 82 with base-ten pieces or shorthand.

5. Joe showed 82 with bits. Do you agree with Joe?



Why or why not? _____

How Many Bits Feedback Box	Expectation	Check In	Comments
Represent 2-digit numbers using base-ten pieces. [Q# 1–2, 4]	E1		
Compose and decompose numbers using ones and tens. [Q# 1–2, 4–5]	E2		
Recognize different partitions of numbers using different representations. [Q# 3]	E3		
Make connections between place-value concepts and representations of numbers. [Q# 1–5]	E4		
Recognize that different partitions of a number have the same total. [Q# 3]	E5		

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