



There will be a singles tennis match later in the week. Ten players have signed up to compete. Players will play a match against all other players. How many matches will be played?



How many diagonals
does a decagon
have?



GMU COMPLETE

TRANSITIONS: TRANSFORMING MATHEMATICS INSTRUCTION

CONTACT: JSUH4@GMU.EDU & PSESHAIYER@GMU.EDU





At Care Bear Preschool, we are sure to give valentines to all students in the class. This year there are 10 students in the 4-year old class. How many total valentines will be brought to school on Valentine's Day?



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Before the meeting, all attendees shook hands. I noticed that everyone shook hands with every other participant and that there were 45 handshakes! What a friendly committee! How many people attended this committee meeting?



There will be a singles tennis match later in the week. Players have signed up to compete. Players will play a match against all other players. How many matches will be played?

What do you wonder about?

What are your assumptions?

What Information do you need to?

How can you find the number of diagonals in a polygon?

What do you wonder about?

What are your assumptions?

What Information do you need to?



This year, we are doing a Valentines Exchange to all students in the class. How many total valentines will be brought to school on Valentine's Day?

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