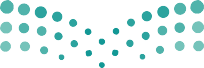
قـــــررت وزارة الـــتــعلـيــــم تــدريـــ�س هـــذا الــكــتــاب وطـبـعـه عـلـى نفقـتـها



العلــوم

ال�شف االأول االبتدائي - الف�شل الدرا�شي الثاين

كرا�شة الن�شاط



قام بالتاأليف والمراجعة فريق من المتخ�ش�شين

طبعة 1441 ـــ 2019



##### `g1436 , º«∏©àdG IQGRh



ì

**ﻓﻬﺮﺳﺔ ﻣﻜﺘﺒـﺔ ﺍﳌﻠـﻚ ﻓﻬﺪ ﺍﻟﻮﻃﻨﻴـﺔ ﺃﺛﻨـﺎﺀ ﺍﻟﻨـﺸـﺮ**

**ﻭﺯﺍﺭﺓ ﺍﻟﺘﻌﻠـﻴـﻢ**

ﺍﻟﻌﻠﻮﻡ ﻟﻠﺼﻒ ﺍﻷﻭﻝ ﺍﻻﺑﺘﺪﺍﺋﻲ : ﺍﻟﻔﺼﻞ ﺍﻟﺪﺭﺍﳼ ﺍﻟﺜﺎﲏ - ﻛﺮﺍﺳﺔ ﺍﻟﻨﺸﺎﻁ/.ﻭﺯﺍﺭﺓ

ﺍﻟﺘﻌﻠﻴﻢ. - ﺍﻟﺮﻳﺎﺽ ، ٦٣٤١ﻫـ . ٤٤ﺹ ؛ ١٢ x ٥٫٧٢ ﺳﻢ

**ﺭﺩﻣـﻚ** **: ٠-١٦١-٨٠٥-٣٠٦-٨٧٩**

١ ـ ﺍﻟﻌﻠﻮﻡ ـ ﻛﺘﺐ ﺩﺭﺍﺳﻴـﺔ ٢ ـ ﺍﻟﺘﻌﻠﻴﻢ ﺍﻻﺑﺘﺪﺍﺋﻲ ﺍﻟﺴﻌﻮﺩﻳـﺔ ـ

ﻛﺘﺐ ﺩﺭﺍﺳﻴـﺔ. ﺃ ـ ﺍﻟﻌﻨﻮﺍﻥ

**ﺩﻳـﻮﻱ ٥٣٫٢٧٣ ٣٠٣٦/٦٣٤١**

1436/6303 : ´GójE’G ºbQ

978-603-508-161-0 : ∂eOQ

كبير فلناف لي ولنعل افت �شد ل شن �شلوكنا مع لا المرر قيمة ممة وفائد

في متبتنا الخاشة في ار العام ل�شتفا  فلنعل متبة مدر�شتنا تف ب اا ل تف با المرر

ájOƒ©°ùdG á«Hô©dG áµ∏ªªdG ` º«∏©àdG IQGRƒd áXƒØëe ô°ûædGh ™Ñ£dG ¥ƒ≤M



التعلي ارو

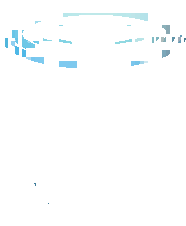
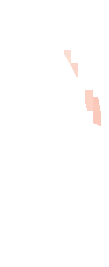
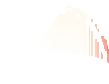
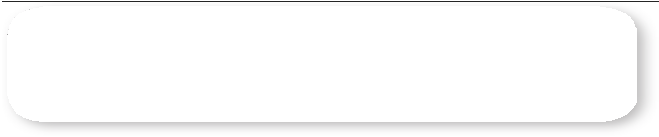
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لش الــــعـــلـــــوم - االار العامة للمناه

[science.cur@moe.gov.sa](mailto:science.cur@moe.gov.sa)







تويا

ة الم

قائم

**ﺤ ﹸﺔ**

**ﺍﻟﺼ ﹾﻔ**

**ﻤﻮﺿـــــــــــﻮﻉ**

**ﺍ ﹾﻟ**

ﻤ ﱠﻴ ﹸﺔ ٦

ﻌ ﹾﻠ

ﹸﺔ ﺍ ﹾﻟ ﺮﻳﻘ

ﹺ

ﻤﻬﺎﺭﺍﺕ ﻭﺍﻟﻄ

- ﺍ ﹾﻟ

ﹶ

- ﺗﻌﻠﻴﻤﺎﺕ ﺍﻟﺴﻼﻣﺔ ٧

**ﺸﻄ ﹸﺔ ﺍ** ﹶ**ﹾﻟ** ﹾ **ﹶﻮ** ﹺ **ﹾﺣ**ﹶ **ﹶﺪ**ﹸ **ﹺﺓ ﺍﻟ**ﹾ **ﹼﺮﺍﺑﹺ ﹶﻌﺔ**ﹺ

#### ﺃ ﹾﻧ

##### ٨ ﺱ

- ﺃﻧﺸﻄﺔ ﺍﻟﻔﺼﻞ ﺍﻟﺴﺎﺩ

**ﻣﺴﺔ**

ﹺ

**ﹶﺪ**ﹸ **ﹺﺓ ﺍ ﹾﻟ** ﹾ**ﺨﺎ ﺍ** ﹶ**ﹾﻟ** ﹾ **ﹶﻮ** ﹺ **ﹾﺣ**ﹶ **ﺸﻄ ﹸﺔ**

#### ﺃ ﹾﻧ

##### ٤١ ﻊ

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ﺍﻟﻔ

##### - ﺃﻧﺸﻄﺔ

**ﺴﺎﺩﺳﺔ**

ﹺ

**ﹾﺣ**ﹶ **ﹶﺪ**ﹸ **ﹺﺓ ﺍﻟ**ﹾﹾ **ﹶﻮ** ﹺ **ﺸﻄ ﹸﺔ ﺍ** ﹶ**ﹾﻟ**

#### ﺃ ﹾﻧ

٩٢ ..................................... ﺍﻟﺘﺎﺳﻊ ﺼﻞ

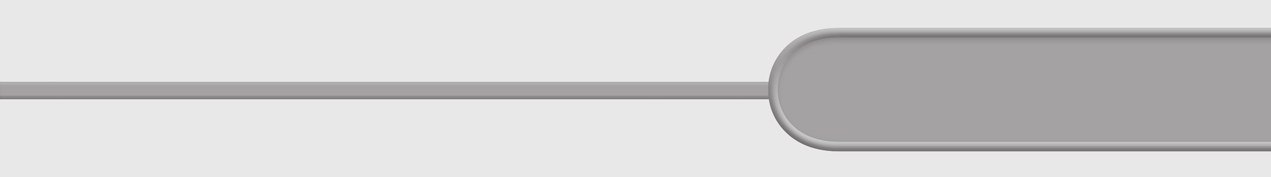
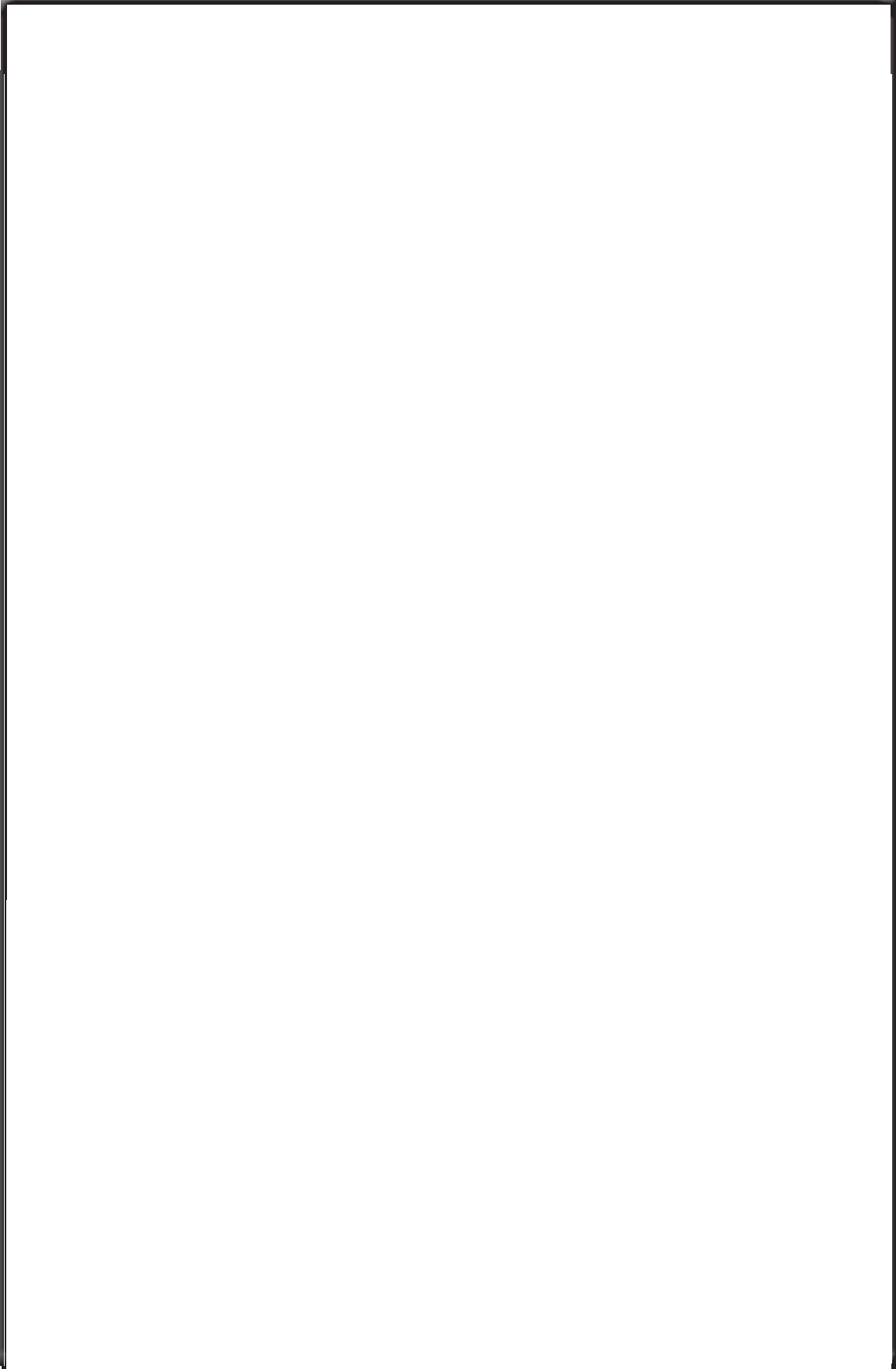
ﺍﻟﻔ

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- ﺃﻧﺸﻄﺔ

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٧٣ ..................................... ﹸﺮ ﺍﻟﻌﺎﺷ ﺼﻞ



ﺍﻟﻔ

##### - ﺃﻧﺸﻄﺔ

**ﻤ ﱠﻴﺔ**

**ﺍ ﹾﻟﻌﻠ ﺔ**

**ﺮﻳﻘ**

# ﺕ ﻭﺍﻟﻄ

**ﻤﻬﺎﺭﺍ**

**ﺍ ﹾﻟ**

#### ﹸﺔ ﺍﻟﻌ ﹾﻠﻤﻴ ﹸﺔ ﺍﻟﻄﺮﻳﻘ

**ﻤ ﱠﻴ ﹸﺔ**

**ﻌ ﹾﻠ**

**ﺕ ﺍ ﹾﻟ**

**ﻤﻬﺎﺭﺍ**

**ﺍ ﹾﻟ**

ﺃﻻﺣﻆ

**ﹸﻝ ﺳﺆﺍﻻ ﺃﺳ ﹶﺄ**

**ﺃﻻﺣﻆ**

**ﺃ ﹶﻗﺎ ﹺﺭ ﹸﻥ**

**ﺃ ﹶﺗ ﹶﻮ ﱠﻗ ﹸﻊ**

**ﺃﺻ ﱢﻨﻒ**

**ﺧﻄ ﹰﺔ**

**ﹸﻊ ﺃﺿ**

**ﺃ ﹺﻗﻴﺲ**

**ﻄ ﹶﺔ**

**ﹸﺬ ﺍﻟﺨ ﺃﻧﻔ**

**ﺃ ﹶﺗ ﹶﻮﺍﺻﻞ**

**ﺃﺳﺠﻞ ﺍﻟﻨ ﹶﺘﺎﺋﹺﺞ**

**ﺃ ﹶﺗ ﹶﻮ ﱠﻗ ﹸﻊ**

ﻄ ﹺﺔ

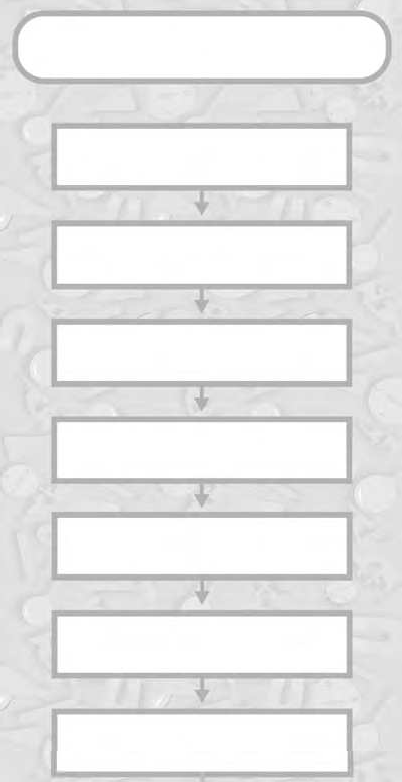
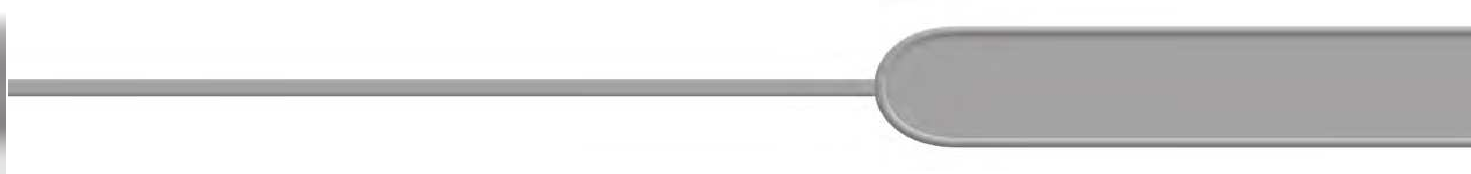
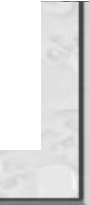
**ﺗﻨﻔﻴﹺ ﹶﺬ ﺍﻟﺨ ﺃﻋﻴﺪ**

**ﺃﺳ ﹶﺘ ﹾﻨﺘﹺﺞ**

**ﺺ ﺍﻟﻨﺘﺎﺋﹺﺞ**

**ﺨ ﹺﻠ**

**ﺃﺳ ﹶﺘ**



6 الم ارا وال ري ة الع ل م ي ة

ﻤ ﱠﻴﺔ:



**ﹶﺗ ﹾﻌﻠﻴﻤﺎ ﹸﺕ ﺍﻟﺴﻼ ﹶﻣﺔ**

ﻌ ﹾﻠ

ﺏ ﺍﻟ

ﻭﺍﻟﺘﺠﺎﺭ

ﻷ ﹾﻧﺸﻄﺔ

ﹾﻨﻔﻴﺬ ﺍ ﺗ

ﻋ ﹾﻨﺪ

ﺍﻟﺴﻼ ﹶﻣﺔ ﺍﻟﺘﺎﻟﹺ ﹶﻴ ﹶﺔ ﺗ ﹾﻌﻠﻴﻤﺎﺕ

ﺃ ﱠﺗﺒﹺﻊ

ﺪ ﱠﻗﺔ.

ﺗ ﹾﻌﻠﻴﲈﺗﹺ ﹺﻪ ﺑﹺ ﻭ ﹶﺃ ﱠﺗﺒﹺﻊ

ﹴﻩ ﺇﱃ ﺍﳌ ﹶﻌ ﱢﻠﻢ، ﻤﻊ ﺑﹺﺎ ﹾﻧﺘﹺﺒﺎ

١- ﺃﺳ ﹶﺘ

ﹾﳾﺀ.

ﺃ ﹸﻛﻦ ﻣ ﹶﺘ ﹶﺄ ﱢﻛﺪﺍ ﻣﻦ ﻝ، ﺇﹺﺫﺍ ﹾﱂ

٢- ﺃﺳ ﹶﺄ

ﺪ ﱠﻗﺔ.

ﻁ ﺑﹺ

ﺧﻄﻮﺍﺕ ﺍﻟﻨﺸﺎ

٣- ﺃ ﱠﺗﺒﹺﻊ

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ﺍﳌ ﹶﻌ ﱢﻠ ﺐ ﺇﹺ ﹶ ﱠﱄ

ﻃ ﹶﻠ

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ﻕ ﺃﻭ ﺃﺷﻢ ﺃﻱ ﻣﺎﺩ ﹴﺓ

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ﻧﻈﺎﻓﺔ ﻣﻜﺎﻥ ﻋﻤ ﹺﲇ ﻋﲆ

٦- ﺃﺣﺎﻓﻆ



ﺫﻟﻚ.

ﹶ ﱠﱄ ﺐ ﺇﹺ

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ﹸﻳ ﺪﻣﺎ

ﻋ ﹾﻨ

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٧- ﺃﻏ



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ﺪ ﺍ ﹾﻧ

ﻋ ﹾﻨ

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٩- ﺃﺣﺬ ﹸﺭ ﻋ ﹾﹺﻨﺪ ﹺﺍ

ﺃﻱ ﺣﻮﺍﺩﺙ.

7



ﻭﺍﻟﺰﺟﺎﺟ ﱠﻴﺔ.

 علي ما الشم ة

**ﻬﻮﺍﺀ؟**



∞o °ûµàn °SnCG



ال اأ تا

ﹶﺸﺒﹺ ﱠﻴ ﹴﺔ •ﻋﺼﺎ ﹶﺧ

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• ﹶﺷﺮﻳﻂ ﻻﺻ ﹴﻖ

**ﻋﻠﻰ ﺍ ﹾﻟ**

**ﹸﻪ ﺣﻈ**

**ﹶﻣﺎ ﺍ ﱠﻟﺬﻱ ﺃﻻ**

ﻌﺼـﺎ

ﺍ ﹾﻟ ﻡ

ﺨﺪﺍ

ﺳـﺘﹺ

ﺍﻟﻄ ﹾﻘـﺲ ﺑﹺﺎ ﺣﺎ ﹶﻟـﺔ

ﹺ

ﺮ ﹶﻓـﺔ ﹺ

ﻞ ﺃﺩﺍﺓ ﻟﹺﻤﻌ

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ﺃﻋﻤـ

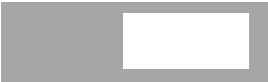
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ﺍ ﹾﻟ



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ﺗﻌ ﱡﺮ ﹺﻓﻬﺎ؟

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ﺣﺎ ﹶﻟ ﹸﺔ ﺍﻟﻄ ﹾﻘ **ﻊ.** ﻣﺎ

**ﺃﺗﻮ ﱠﻗ**

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اال و ل – ال  م ن  ولنا الف�ش ل الشا� – الد ر�



∞o °ûµàn °SnCG

ﺃﻻﺣﻆ؟

ﹶﻠﻰ. ﻣﺎﺫﺍ ﺃﻋ

ﹸﻌﻬﺎ ﺇﹺ ﹶﻟﻰ ﺝ، ﻭﺃ ﹾﺭ ﹶﻓ

ﺲ ﺇﹺﻟﻰ ﺍ ﹾﻟﺨﺎﺭ

ﺍﻟﻄ ﹾﻘ ﺃﺩﺍﺓ

ﺣﻤﻞ

**ﺃﻻﺣﻆ.** ﺃ

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**ﺃﺳ ﹶﺘﻜﺸﻒ ﺃﻛ ﹶﺜﺮ**



ﺃﻻﺣﻆ؟

ﻣﺎﺫﺍ

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**ﺃﻗﺎﺭﻥ.** ﺃﺳ ﹶﺘ

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 ن م

9

ولنا



و ل – ال  الشا� – الد ر� اال �ش ل

الف

**ﻏﺮ ﹶﻓـﺔ ﺍﻟﺼﻒ**



•o É°ûfn



ال اأ تا

• ﹶﻭ ﹶﺭ ﹴﻕ

ﹴﻢ ﹶﻗ ﹶﻠ •

ﹶﺣﺮﺍ ﹶﺭ ﹴﺓ • ﹺﻣ ﹾﻘ ﹶﻴﺎﺱ

**ﺭﺓ ﺩﺍﺧـﻞ**

**ﺤـﺮﺍ**

**ﺩﺭﺟـﺔ ﺍ ﹾﻟ ﺑ ﹾﻴـﻦ**

**ﺍ ﹾﻟﻤﻘﺎﺭ ﹶﻧـ ﹸﺔ**

ﺩﺍﺧﻞ ﻏ ﹾﺮ ﹶﻓﺔ ﺍﻟﺼﻒ ﺤﺮﺍ ﹶﺭ ﹺﺓ

ﺃﻋﻠﻰ، ﺩ ﹶﺭﺟ ﹸﺔ ﺍ ﹾﻟ ﺃ ﱡﻳ ﹸﻬﻤﺎ

**ﻭﺧﺎ ﹺﺭﺟﻬﺎ.**

**ﺃﺗ ﹶﻮ ﱠﻗ ﹸـﻊ.**



ﻦ ﺑﹺ ﹶﻬﺎ ﻟﹺ ﹸﺘ ﹾﺮﺷﺪﻧﹺﻲ

ﺳـﺘﻌﻴ

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ﹶﻓ ﻏ ﹾﺮ

ﹶﺭ ﹺﺓ ﺩﺍﺧﻞ ﺤﺮﺍ

ﺍ ﹾﻟ ﺟ ﹶﺔ

ﺩ ﹶﺭ

**ﺃﻗﻴﺲ**

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| ﹶﺩ ﹶﺭ ﹶﺟ ﹸﺔ ﺍ ﹾﻟ ﹶﺤ ﹶﺮﺍ ﹶﺭ ﹺﺓ | |
| ﹶﺝ ﹸﻏ ﹾﺮ ﹶﻓ ﹺﺔ ﺍﻟﺼ ﱢﻒ ﹶﺧﺎ ﹺﺭ | ﹸﻏ ﹾﺮ ﹶﻓ ﹺﺔ ﺍﻟﺼ ﱢﻒ ﹶﺩﺍﺧ ﹶﻞ |
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ﺟﻬﺎ.

ﻒ ﻭﺧﺎﺭ

ﺔ ﺍﻟﺼ

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**ﺭﻥ.**

**ﺃ ﹶﻗﺎ**

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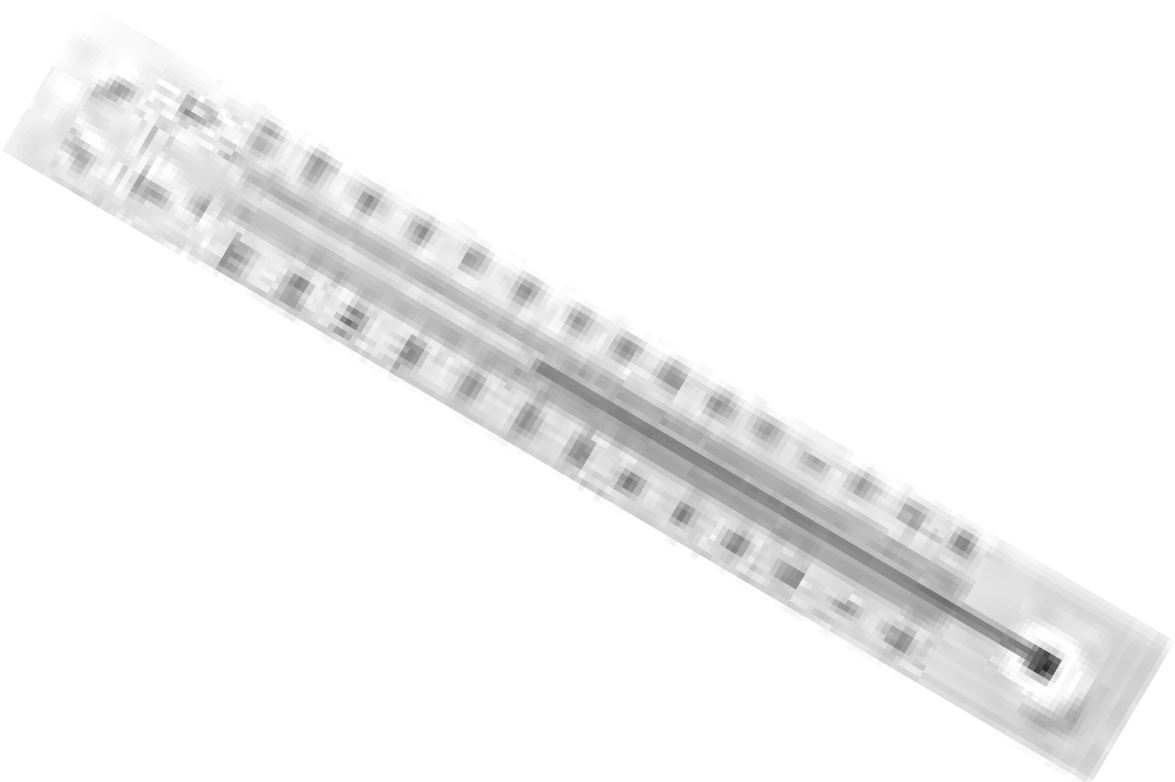
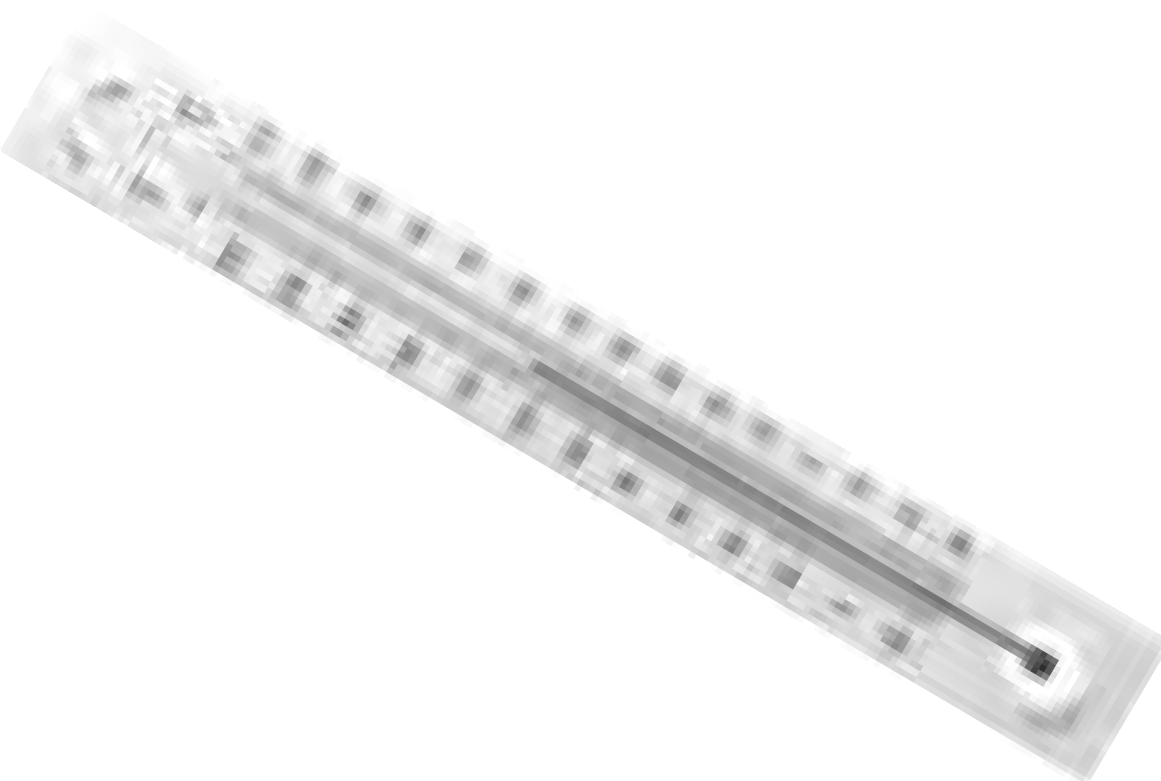
 10

اال و ل – ال  م ن  ولنا الف�ش ل الشا� – الد ر�



∞o °ûµàn °SnCG

**ﻒ ﺗﺪﻓ ﹸﺌﻨﺎ ﺍ ﹾﻟﻤﻼﺑﹺﺲ؟**



ال اأ تا

ﹺﻦ ﹸﺯﺟﺎﺟ ﹼﻴﻴ ﹺﻦ • ﹺﻭﻋﺎ ﹶﺀ ﹾﻳ

•ﻣﺎ ﹴﺀ

ﹸﻗﻤﺎﺵ ﹶﺳﻤﻴﻜ ﹴﺔ • ﹺﻗ ﹾﻄ ﹶﻌ ﹺﺔ

ﹾﻘﻴﺎ ﹶﺳﻲ ﹶﺣﺮﺍ ﹶﺭ ﹴﺓ • ﹶﻣ

**ﻛ ﹾﻴ**

ﻗﻤﺎﺵ

ﻄﻌﺔ

ﻒ ﺃﺣﺪﻫﻤﺎ ﺑﹺﻘ

ﻭﺃ ﹸﻟ

ﺑﹺﻤﺎﺀ ﺩﺍﻓﺊﹴ، ﻮﻋﺎ ﹶﺀ ﹾﻳﻦ

ﹴ

ﺃﻣﻸ ﺍ ﹾﻟ

ﹺ ﹶ



ﺳﻤ ﹾﻴﻜﺔ.



ﻤﺎﺫﺍ؟

ﺩﺍﻓ ﹰﺌﺎ؟ ﻟﹺ ﺳ ﹶﻴ ﹾﺒ ﹶﻘﻰ

ﹶﺀ ﹾﻳﻦ ﻮﻋﺎ

ﺍ ﹾﻟ ﻱ

ﺃ **.ﻊ**

###### ﺃﺗﻮ ﱠﻗ

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ﺠ ﹸﻠﻬﺎ، ﺛﻢ

ﻭﺃﺳـ

ﻭﻋﺎﺀ،

ﺀ ﻓﻲ ﻛﻞ

ﺣـﺮﺍ ﹶﺭ ﹺﺓ ﺍ ﹾﻟﻤﺎ ﺩ ﹶﺭﺟ ﹶﺔ

**ﺃﻗﻴـﺲ**

ﺩﻗﺎﺋﹺﻖ.



ﺛﺎﻧﹺ ﹶﻴ ﹰﺔ ﺑﻌﺪ ٠١ ﻣ ﱠﺮ ﹰﺓ

ﺃﻗﻴﹺﺴﻬﺎ

11

بعة



ر� الثاي – ال ف �شول االأ ر ال ف �ش ل الشا� – الد

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| ﹶﺩ ﹶﺭ ﹶﺟ ﹸﺔ ﺍ ﹾﻟ ﹶﺤﺮﺍ ﹶﺭ ﹺﺓ ﻓﻲ ﺍ ﹾﻟ ﹺﻮﻋﺎ ﹶﺀ ﹾﻳ ﹺﻦ | | |
| ﹺﻮﻋﺎ ﹸﺀ ﺍﻵ ﹶﺧ ﹸﺮ ﹶﺍ ﹾﻟ | ﹸﺀ ﺍ ﹾﻟ ﹸﻤ ﹶﻐ ﱠﻠ ﹸﻒ ﹶﺍ ﹾﻟ ﹺﻮﻋﺎ |  |
|  |  | ﹶﺍ ﹾﻟ ﹺﻘﺮﺍ ﹶﺀ ﹸﺓ ﺍ ﹸﻷﻭ ﹶﻟﻰ |
|  |  | ﹾﻟ ﹺﻘﺮﺍ ﹶﺀ ﹸﺓ ﺍﻟﺜﺎﻧﹺ ﹶﻴ ﹸﺔ ﹶﺍ |

**ﺃﺳ ﹶﺘﻜﺸﻒ ﺃﻛ ﹶﺜﺮ**

ﺍﻟﻄ ﹾﻘﺲ ﺧﻼﻝ

ﻤﻌﻄﻒ

ﹶﺀ ﺍﻟ ﺀ ﺍ ﹾﺭﺗﹺﺪﺍ

ﻮﻋﺎ

ﺣﻮﻝ ﺍ ﹾﻟ

ﻒ ﻗﻄﻌﺔ ﺍﻟﻘﻤﺎﺵ

ﻒ ﻳﺸـﺒﹺ ﹸﻪ ﻟ

**ﺃﺳـﺘ ﹾﻨﺘﹺﺞ.** ﻛ ﹾﻴ

ﺍﻟﺒﺎﺭﺩ؟



∞o °ûµàn °SnCG



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 12

– الد ر� الثاي – ال ف�شول االأ ر بعة ال ف�ش ل الشا�



•o É°ûfn

**ﻠﻔﺔ**



ال اأ تا

ﻷﻭﺭﺍﻕ ﹶﻧﺒﺎﺕ

ﹸﺼﻮﻝ ﺍﻟ ﹸﻤﺨ ﹶﺘﻠﻔﺔ ﻓﻲ ﺍﻟﻔ

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ﹶﺷ ﹾﻤ ﹴﻊ • ﹶﺃﻗﻼ ﹺﻡ

ﹶﺭ ﹴﻕ • ﹶﻭ

**ﺨ ﹶﺘ**

**ﺼﻮﻝ ﺍ ﹾﻟﻤ**

**ﺍ ﹾﻟ ﹸﻔ ﻓﻲ**

**ﺍﻷﻭﺭﺍﻕ**

ﺼﻮﻝ

ﻓﻲﺍ ﹾﻟ ﹸﻔ ﻧ ﹾﻔﺴﻪ

ﹶﺭﺍﻕ ﺍﻟﻨ ﹶﺒﺎﺕ ﻷﻭ

ﹾﺭ ﹶﺑﻌ ﹶﺔ ﻮ ﹶﺭ ﺍﻷ

**ﺃﻻﺣﻆ** ﺍﻟﺼ

ﻒ، ﻭﺍﻟﺸ ﹶﺘﺎﺀ.



ﻒ، ﻭﺍ ﹾﻟﺨﺮﻳ

ﻭﺍﻟﺼ ﹾﻴ

ﺍﻷ ﹾﺭ ﹶﺑﻌﺔ: ﺍﻟﺮﺑﹺﻴﻊ،

ﻕ ﺍﻟﻨ ﹶﺒﺎ ﹶﺗﺎﺕ

ﹶﺭﺍ ﻷﻭ

ﹸـﻞ ﺼ

ﱡﻴ ﹶﺮﺍﺕ ﺍ ﱠﻟﺘﹺﻲ ﺗﺤ ﺣـﺪ ﹸﺩ ﺍﻟﺘﻐ

**ﺃ ﹶﻗﺎﺭﻥ.** ﺃ

ﻭﺍﻟﻠﻮﻥ.



ﺠﻢ،

ﺚ ﺍ ﹾﻟﺤ

ﺍﻷ ﹾﺭ ﹶﺑﻌﺔ ﻣﻦ ﺣ ﹾﻴ ﺼﻮﻝ

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�شول االأ ر

13

بعة



– الد ر� الثاي – ال ف �ش ل الشا�

ال ف

**ﺷﻴﺎﺀ؟**

    



∞o °ûµàn °SnCG



ال اأ تا

•ﺑﺎﻟﻮ ﹴﻥ

ﹶﻛ ﹾﺄ ﹺﺱ ﻣﺎ ﹴﺀ •

ﹶﺧ ﹶﺸﺒﹺ ﱟﻲ • ﹸﻣ ﹶﻜ ﱠﻌ ﹴﺐ

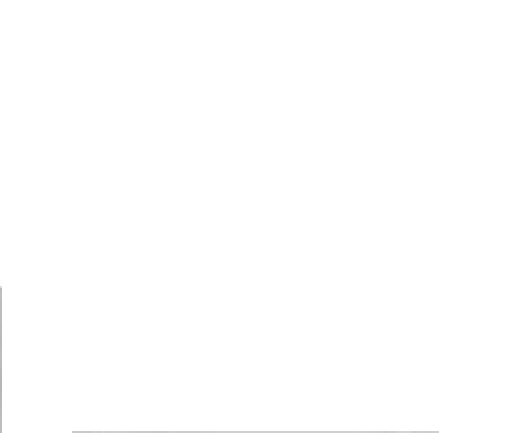
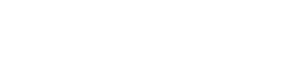
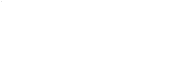
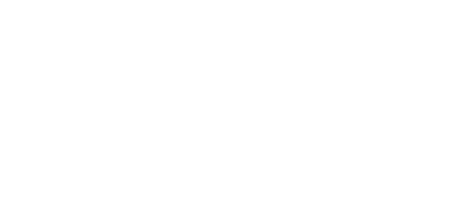
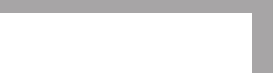
**ﺾ ﺍﻷ**

**ﹶﻠﻰ ﺑﻌ ﻋ**

**ﹸﻪ ﻻﺣﻈ**

**ﺬﻱ ﺃ**

**ﻣﺎ ﺍ ﹼﻟ**



ﺳ ﱢـﺠﻞ

ﻤﺴـﻬﺎ، ﺛﻢ ﺃ

ﺍﻟﺘﺎﻟﹺﻴﺔ ﻭ ﹶﺃ ﹾﻟ ﺀ

ﺇﹺﻟﻰ ﺍﻷﺷـﻴﺎ ﻈﺮ

**ﺃﻻﺣﻆ.** ﺃ ﹾﻧ



ﺸﺒﹺﻲ.

ﱠ

ﺐ ﺍﻟﺨ

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ﱠﻌ ﻤ ﹶﻜ

ﹶ

ﺍﻟﻤﺎ ﹸﺀ، ﺍﻟ ﻥ،

ﹶﺒﺎ ﹸﻟﻮ ﻬﺎ. ﺍ ﹾﻟ

ﻣﻼﺣﻈﺎﺗﹺﻲ ﹸ ﹶﻋ ﹾﻨ

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| **ﹸﺐ ﺍ ﹾﻟ ﹶﺨ ﹶﺸﺒﹺ ﱡﻲ ﹶﺍ ﹾﻟ ﹸﻤ ﹶﻜ ﱠﻌ** | **ﹶﺍ ﹾﻟﻤﺎ ﹸﺀ** | **ﹶﺍ ﹾﻟﺒﺎ ﹸﻟﻮ ﹸﻥ** |  |
|  |  |  | ﹶﺍﻟﺸ ﹾﻜ ﹸﻞ |
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 14

الد ر� االأ و ل - �شائ� ال موا الف�ش ل الشاب -



∞o °ûµàn °SnCG

ﺻﻒ ﻣﻼﺣﻈﺎﺗﹺﻲ ﻟﹺ ﹶﺰﻣﻴﻠﻲ.

ﺃ **.ﻞ**

###### ﺃ ﹶﺗﻮﺍﺻ

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ﺨ ﹶﺘ ﹺﻠﻒ؟

ﺷﻴﺎ ﹸﺀ، ﻭﻓﻴﻢ ﺗ

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**ﺃﺳ ﹶﺘﻜﺸﻒ ﺃﻛ ﹶﺜﺮ**



ﻈ ﹸﹶﺘﻬﺎ.

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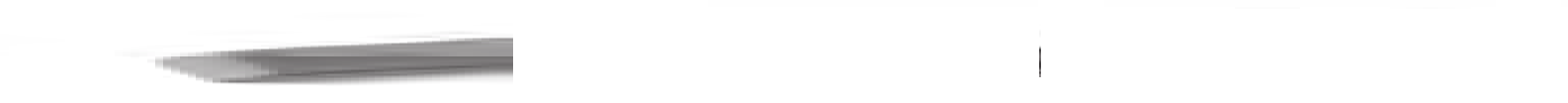
15

ال موا �شائ�

االأ و ل - الشاب - الد ر� �ش ل

الف

## ﺔ ﺍﻟﺼﻒ



ال اأ تا

ﹾﺨ ﹶﺘﺎ ﹶﺭ ﹴﺓ ﹾﺷ ﹶﻴﺎ ﹶﺀ ﹸﻣ • ﹶﺃ

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ﺷـﻴﺎ

**ﺃﻻﺣ ﹸـﻆ.** ﺃ ﹾﻧﻈ ﹸﺮ ﺇﹺ ﹶﻟﻰ ﺍﻷ

ﺧﻤﺴ ﹰﺔ ﻣ ﹾﻨﻬﺎ.



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ﻣﺨ ﹶﺘ ﹺﻠ ﹶﻔﺔ.

ﻋﺎﺕ

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ﻖ ﻟﹺﻮ

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ﺃ ﹶﺗﺤﺪ

**ﻮﺍﺻﻞ.**

**ﺃ ﹶﺗ**

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ﺷـﻴﺎ ﹶﺀ ﻓـﻲ

**ﺃﺻ ﱢﻨـ ﹸﻒ.** ﺍﻷ

ﺠﺪﻭﻝ.



ﻭﺍﻷﺷ ﹶﻴﺎ ﹶﺀ ﻓﻲ ﺍ ﹾﻟ



•o É°ûfn

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 16

الد ر� االأ و ل - �شائ� ال موا الف�ش ل الشاب -



∞o °ûµàn °SnCG

**ﺾ ﺍﻷﺷ ﹶﻴﺎﺀ ﺍﻟﺼ ﹾﻠ ﹶﺒﺔ.**



ال اأ تا

ﻣﻦ ﹸﻏﺮﻓﺔ ﻠﻔﺔ

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ﺃ ﹾﺷﻴﺎﺀ •

ﺍﻟﺼ

• ﹺﻣﻴﺰﺍ ﹴﻥ

**ﻦ ﺑﻌ**

**ﺑ ﹾﻴ**

**ﻒ ﺃ ﹶﻗﺎﺭﻥ**

**ﻛ ﹾﻴ**

ﺔ ﺍﻟﺼﻒ.

ﻏ ﹾﺮ ﹶﻓ ﻣﻦ

ﹶﺒﺔ ﺻ ﹾﻠ

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ﺧﻤﺴ ﹶﺔ ﺃ

ﺃﺟﻤﻊ

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ﺼﻬﺎ.

ﺧﺼﺎﺋﹺ

ﺤﺴﺐ

ﹸﺒﻬﺎ ﺑﹺ ﺛﻢ ﺃ ﹶﺭ ﱢﺗ

ﺷ ﹶﻴﺎﺀ،

ﺺ ﻫﺬ ﹺﻩ ﺍﻷ

ﺧﺼﺎﺋﹺ

ﺑ ﹾﻴﻦ

**ﺃ ﹶﻗﺎﺭﻥ**

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17

الثاي - الم وا ال�ش ل ب ة �ش ل الشاب - الد ر�

الف

ﺷ ﹶﻴﺎ ﹶﺀ ﻣﻦ



ال اأ تا

• ﹺﻣﻴﺰﺍ ﹴﻥ

ﺐ ﺍﻷ

ﱢﺗ ﻷ ﹶﺭ

ﱠﻔ ﹶﺘ ﹾﻴﻦ ﺫﺍ ﺍﻟﻜ

ﺍﻟﻤ ﹾﻴ ﹶﺰﺍﻥ ﺨﺪ ﹸﻡ

**ﺃﻗﻴﺲ.** ﺃﺳـﺘ

ﺧﻒ.



∞o °ûµàn °SnCG

ﺍ ﹾﻷ ﻞ ﺇ ﹶﻟﻰ

ﺍﻷ ﹾﺛ ﹶﻘ

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**ﺃﺳ ﹶﺘﻜﺸﻒ ﺃﻛ ﹶﺜﺮ**



ﺷ ﹶﻴﺎﺀ؟

ﹺﻩ ﺍﻷ ﻫﺬ

ﹶﺮﺍﻫﺎ ﻓﻲ ﺗ

ﺍ ﱠﻟﺘﹺﻲ ﺧ ﹶﺮ￯

ﺺ ﺍﻷ

ﺼﺎﺋﹺ

**ﺃﺻ ﱢﻨﻒ.** ﻣﺎ ﺍﻟﺨ



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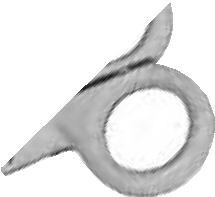
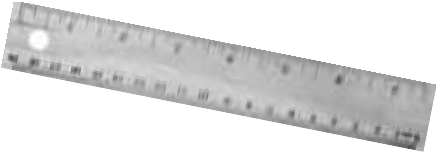
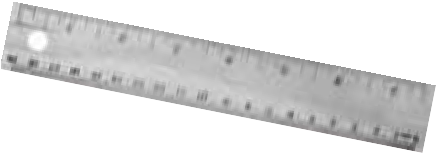
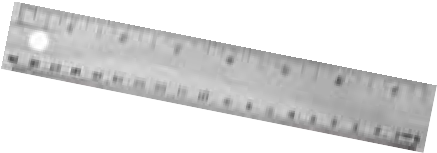
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- الد ر� الثاي - الم وا ال�ش ل ب ة الف�ش ل الشاب



•o É°ûfn

**ﺷ ﹶﻴﺎﺀ ﺍﻟﺼ ﹾﻠ ﹶﺒﺔ**



ال اأ تا

• ﹶﻣ ﹶﺴﺎﻃﹺ ﹶﺮ

• ﹸﺧ ﹸﻴﻮ ﹴﻁ

• ﹺﻣ ﹶﻘ ﹴﺺ

ﹾﺨ ﹶﺘ ﹺﻠ ﹶﻔ ﹴﺔ ﹾﺷ ﹶﻴﺎ ﹶﺀ ﹸﻣ • ﹶﺃ

**ﻌﺎﺩ ﺍﻷ**

**ﺱ ﺃ ﹾﺑ**

**ﻗ ﹶﻴﺎ**

ﻤﻲ.

ﱢﻠ ﻣﻌ

ﺑﹺ ﹶﻬﺎ ﺯﻭ ﹶﺩﻧﹺﻲ

ﺍ ﱠﻟﺘﹺﻲ ﺔ

ﹾﻠ ﹶﺒ ﺀ ﺍﻟﺼ

ﺷ ﹶﻴﺎ

ﺇﹺ ﹶﻟﻰ ﺍﻷ ﻈ ﹸﺮ

ﺃ ﹾﻧ

ﺮﻱ؟

ﺐ ﺩﺍﺋﹺ

ﺻ ﹾﻠ

ﺷﻲﺀ

ﻌﺎﺩ

ﺃ ﹾﺑ

ﻗ ﹶﻴﺎﺱ

ﻜ ﹸﻨﻨﹺﻲ

ﻒ ﻳﻤ

ﻛ ﹾﻴ

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ﺷﻲﺀ؟

ﻛﻞ ﻗ ﹶﻴﺎﺱ

**ﺃﻗﻴﺲ** ﻣﺎ

**ﺍﻟﻘ ﹶﻴﺎﺱ**

**ﺍﻟﺸﻲﺀ**

19

الثاي - الم وا ال�ش ل ب ة �ش ل الشاب - الد ر�



الف

## ﻣﺎ ﺧﺼﺎﺋﹺﺺ ﺍﻟﺴﺎﺋﹺﻞ؟



∞o °ûµàn °SnCG



ال اأ تا

• ﹶﻗ ﹼﻄﺎ ﹶﺭ ﹴﺓ

ﹸﻣ ﹶﻠ ﱠﻮ ﹴﻥ •ﻣﺎ ﹴﺀ

ﹸﻣ ﹶﺸ ﱠﻤ ﹴﻊ • ﹶﻭ ﹶﺭ ﹴﻕ

ﹶﺧ ﹶﺸﺒﹺ ﱠﻴ ﹴﺔ • ﹺﻋﻴﺪﺍ ﹴﻥ

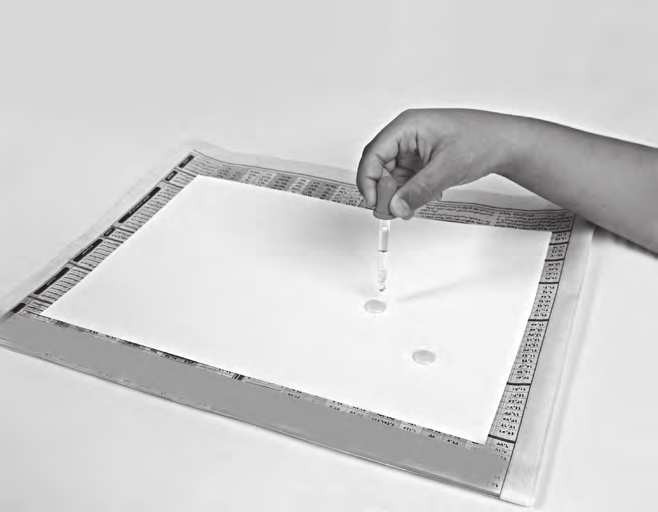
ﻣ ﹾﻨ ﹸﻪ

ﻄ ﹶﺮﺍﺕ

ﺿـ ﹸﻊ ﹺﻗ

ﻥ، ﺛﻢ ﺃ

ﹺ



ﻣ ﹶﻠﻮ

ﺑﹺﻤﺎﺀ ﻄﺎ ﹶﺭ ﹶﺓ

ﺍﻟﻘ ﻸ

**ﺃﻗﻴـﺲ.** ﹶﺃ ﹾﻣـ

ﹺ



ﺸﻤﻌﺔ.

ﹶﻗﺔ ﺍﻟﻤ ﻮ ﹶﺭ

ﺾ ﻋﻠﻰ ﺍ ﹾﻟ

ﺐ ﺑﻌ

ﺑﻌﻀﻬﺎ ﺑﺠﺎﻧ

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|  |       |
|  | |

ﻄ ﹶﺮﺍﺕ؟

ﻟﻠﻘ ﺙ

ﻳﺤﺪ

ﻣﺎﺫﺍ

ﻄﺮﺍﺕ.

ﺍ ﹾﻟ ﹶﻘ ﺤﺮﻳﻚ

ﻟﹺ ﹶﺘ ﹰﹼﻴﺎ ﺧﺸﺒﹺ

ﻋﻮﺩﺍ

ﹸﻡ ﺨﺪ

ﺳ ﹶﺘ

**ﺃﻻﺣﻆ.** ﺃ

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 20

- الد ر� الثال  - الشوائ ل والاا الف�ش ل الشاب



∞o °ûµàn °SnCG

ﺺ ﺍ ﹾﻟﻤﺎﺀ.

ﺾ ﺧﺼﺎﺋﹺ

ﹸﻛ ﹸﺮ ﺑﻌ **ﻞ.**ﺃﺫ

**ﺃﺗﻮﺍﺻ**

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**ﺃﺳ ﹶﺘﻜﺸﻒ ﺃﻛ ﹶﺜﺮ**



ﻑ ﺫﻟﹺﻚ؟

ﻒ ﺃﻋﺮ

ﻛ ﹾﻴ

ﹲﺩ؟ ﻣﺤﺪ

ﺷﻜﻞ

**ﺃﺳ ﹶﺘ ﹾﻨﺘﹺﺞ.** ﻫﻞ ﻟﹺﻠﺴﻮﺍﺋﹺﻞ

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والا

21

ا



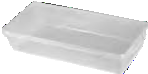
الثال  - الشوائ ل �ش ل الشاب - الد ر�

الف

## ﻓﻲ ﺍﻟﻤﺎﺀ؟



•o É°ûfn



ال اأ تا

ﹾﺳﺘﹺﻴﻜ ﱠﻴ ﹴﺔ • ﹶﻛ ﹾﺄ ﹴﺱ ﺑﹺ ﹶﻼ

ﹴﺀ ﻓﹺﻴ ﹺﻪ ﹶﻣﺎ ﹲﺀ • ﹺﻭ ﹶﻋﺎ

ﹶﻭ ﹶﺭ ﹺﻗ ﱠﻴ ﹴﺔ • ﹶﻣﻨﹶﺎﺩﻳ ﹸﻞ

**ﺟﺎﻓﺎ**

**ﻮﺭﻗﻲ**

**ﺪﻳﻞ ﺍﻟ**

**ﻤ ﹾﻨ**

**ﻒ ﻳ ﹾﺒﻘﻰ ﺍﻟ**

**ﻛ ﹾﻴ**

ﺳﺘﹺﻴﻜ ﱠﻴﺔ.

ﺑﹺ ﹶﻼ ﻛ ﹾﺄﺱ

ﻓﻲ ﻗﺎﻉ

ﹰﹼﻴﺎ ﻭ ﹶﺭ ﹺﻗ

ﺪﻳﻼ

ﺃ ﹶﺛ ﱢﺒﺖ ﻣ ﹾﻨ

ﻓﻲ ﺍﻟﻤﺎﺀ؟

ﹾﺄﺱﻣ ﹾﻘ ﹸﻠﻮﺑﺎ ﺖ ﺍﻟﻜ

ﻏﻄﺴ

ﹶﺫﺍ ﺙ ﺇﹺ

**ﻊ.** ﻣﺎﺫﺍ ﻳﺤﺪ

**ﺃ ﹶﺗﻮ ﱠﻗ**

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ﺤﺪﺙ؟

ﻣﺎﺫﺍ ﻳ

ﻤﺎﺀ.

ﻭﻋﺎﺀ ﺍﻟ

ﺱ ﻓﻲ

ﺲ ﺍﻟﻜ ﹾﺄ

**ﺣﻆ.** ﺃﻏﻄ

###### ﺃ ﹶﻻ

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ﺟﺎﻓﺎ؟

ﺪﻳﻞ

ﻤ ﹾﻨ

ﺍﻟ ﻲ

ﻤﺎﺫﺍ ﺑﻘ

**ﺞ.** ﻟﹺ

###### ﺃﺳ ﹶﺘ ﹾﻨﺘﹺ



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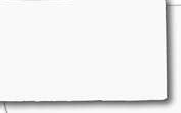
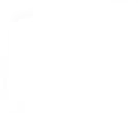
 22

- الد ر� الثال  - الشوائ ل والاا الف�ش ل الشاب



∞o °ûµàn °SnCG

**ﻤﻮﺍﺩ ﺍﻟﺼ ﹾﻠ ﹶﺒﺔ؟**



ال اأ تا

ﹾﻭﺭﺍ ﹴﻕ • ﹶﺃ

ﹶﺃ ﹸﻟﻮﻣﻨﹾﻴﻮ ﹴﻡ • ﹶﺭﻗﺎﺋ ﹺﻖ

ﹶﻭ ﹶﺭ ﹺﻗ ﱠﻴ ﹴﺔ • ﹶﻣﻨﺎﺩﻳ ﹶﻞ

**ﺾ ﺍﻟ**

**ﺮ ﺑﻌ**

**ﹸﻨﻨﹺﻲ ﺃﻥ ﺃﻏ ﱢﻴ ﻒ ﻳﻤﻜ**

**ﻛ ﹾﻴ**

ﻤﻨﺎﺩﻳﻞ

ﻭﺍ ﹾﻟ

ﺍﻷ ﹸﻟﻮﻣ ﹾﻨﻴﻮﻡ، ﻭ ﹶﺭﻗﺎﺋﹺﻖ

ﻭ ﹶﺭﺍﻕﹺ،

ﻒ ﺍﻷ

**ﺃﻻﺣﻆ**. ﺃﺻ

ﹺ



ﻭ ﹶﻣﺎ ﻣ ﹾﻠﻤﺴ ﹸﻪ؟

ﻣ ﹾﻨﻬﺎ؟ ﻛﻞ

ﺷﻜﻞ

ﺍ ﹾﻟﻮ ﹶﺭﻗ ﱠﻴ ﹶﺔ. ﻣﺎ

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ﻼ ﻣ ﹾﻨﻬﺎ؟

ﺃﻥ ﺃﻏ ﱢﻴ ﹶﺮ ﻛ ﻜﻦ

ﻒ ﻳﻤ

ﻛ ﹾﻴ

**ﺼﻲ**.

###### ﺃﺳ ﹶﺘ ﹾﻘ

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ﱡﻴﺮﺍﺕ ﻓﻲ ﻐ

ﺍﻟﺘ ﺐ

ﹸﺘ ﺃﻛ

ﺗﻐﻴﹺﻴﺮ؟

ﺩﻭﻥ

ﺬﻱ ﺑﻘﻲ

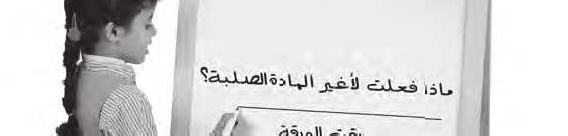
ﺍ ﱠﻟ ﻭﻣﺎ

ﻛﻞ ﻣﺎﺩﺓ؟

ﺗﻐ ﱠﻴ ﹶﺮ ﻓﻲ ﺬﻱ

**ﺃ ﹶﺗﻮﺍﺻـﻞ**. ﻣـﺎ ﺍ ﱠﻟ

ﺟﺪﻭﻝ.



     

- ا ل ما  ت الثام ن - الد ر� اال و ل �ش ل

23

ر ي  



الف

|  |  |
| --- | --- |
| **ﺍ ﱠﻟﺬﻱ ﹶﺗ ﹶﻐ ﱠﻴ ﹶﺮ** | **ﹶﺑ ﹺﻘ ﹶﻲ ﹸﺩﻭ ﹶﻥ ﹶﺗ ﹾﻐﻴﻴﺮ ﺍ ﱠﻟﺬﻱ** |
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**ﺃﺳ ﹶﺘﻜﺸﻒ ﺃﻛ ﹶﺜﺮ**

ﺍﻷ ﹸﻟﻮﻣ ﹾﻨﻴﻮﻡ، ﻖ

ﻭ ﹶﺭﻗﺎﺋﹺ

ﹶﻗﺔ، ﻮ ﹶﺭ

ﺍ ﹾﻟﻤﺎﺀ ﻋﻠﻰ ﻛﻞ ﻣﻦ ﺍ ﹾﻟ ﻣﻦ

ﻀﻊ ﻗﻄﺮﺍﺕ

ﻊ ﺑﹺ

**ﺃﺭ ﱢﺗﺐ ﺍﻷﺷﻴﺎﺀ.** ﺃﺿ

ﻛﻞ ﺣﺎﻟﺔ.



ﻣﺎ ﺃﻻﺣﻈ ﹸﻪ ﻓﻲ ﻛ ﹸﺘﺐ

ﺃ .ﺔ

ﻭﺍﻟﻤﻨﺎﺩﻳﻞ ﺍ ﹾﻟﻮ ﹶﺭ ﹺﻗ ﱠﻴ



∞o °ûµàn °SnCG

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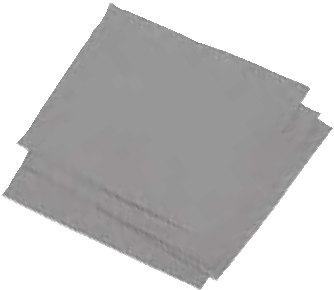
 24

ل - ا ل ما   ت  ي ر الف�ش ل الثام ن - الد ر� اال و



•o É°ûfn

**ﻮﺭﻕ**



ال اأ تا

ﹸﻣ ﹶﻘ ﱠﻮ￯ • ﹶﻭ ﹶﺭ ﹴﻕ

ﹶﺴ ﱠﻄ ﹶﺤ ﹴﺔ ﹶﺃ ﹾﺷ ﹶﻴﺎ ﹴﺀ ﹸﻣ •

**ﺮ ﺍﻟ**

**ﺲ ﺗﻐ ﱢﻴ**

**ﺃﺷﻌ ﹸﺔ ﺍﻟﺸﻤ**

ﺷـﺮ ﹰﺓ، ﻭ ﹶﺃﺿﻊ

ﹺ

ﺲ ﻣ ﹶﺒﺎ

ﺤﺖ ﺿﻮﺀ ﺍﻟﺸـﻤ ﹺ ﹺ ﹺ

ﻮﺍﺓ ﺗ ﹺ

ﻣ ﹶﻘ

ﻭ ﹶﺭ ﹶﻗ ﹰﺔ ﹶ ﺃﺿﻊ

ﻮ ﹶﺭ ﹶﻗﺔ.



ﹶﻠﻰ ﺍﻟ ﻋ

ﺴﻄﺤﺔ

ﺷ ﹶﻴﺎﺀ ﺍﻟﺼﻐﻴﺮﺓ ﺍﻟﻤ

ﺑﻌﺾ ﺍﻷ

ﺷ ﹶﻴﺎﺀ.

ﺤﺮﻳﻚ ﺍﻷ

ﻋﺪﻡ ﺗ

ﻋﺎﺓ

ﻣ ﹶﺮﺍ ﻣﻊ

ﹰﻼ، ﻛﺎﻣ

ﹰﻣﺎ ﻳﻮ

ﻈ ﹸﺮ

ﺃ ﹾﻧ ﹶﺘ

ﻫﻞ ﻳﻤﻜﻦ



ﻮﺍﺓ.

ﻤ ﹶﻘ

ﹸﺔ ﺍﻟ ﻮ ﹶﺭ ﹶﻗ

ﱠﻴ ﹶﺮﺕ ﺍﻟ ﻒ ﺗﻐ

ﻛ ﹾﻴ

ﺣ ﹸـﻆ

ﹶﻻ ﻭ ﹸﺃ

ﺍﻟﻮ ﹶﺭ ﹶﻗﺔ، ﻋﻦ

ﻊ ﺍﻷﺷـﻴﺎﺀ

**ﺃ ﹶﻻﺣﻆ.** ﺃ ﹾﺭ ﹶﻓ

ﺻ ﹺﻠﻲ؟

ﻭﺿﻌﻬﺎ ﺍﻷ

ﺃﻥ ﺗ ﹸﻌﻮﺩ ﺇﹺ ﹶﻟﻰ

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ﻏﺎﺋﹺﻢ؟

ﻓﻲ ﻳﻮﻡ

ﺴ ﹸﻪ

ﻧ ﹾﻔ

ﺙ ﺍﻟﺸﻲ ﹸﺀ

ﻫﻞ ﻳﺤﺪ

**ﺃﺳ ﹶﺘ ﹾﻨﺘﹺﺞ.**

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- ا ل ما  ت الثام ن - الد ر� اال و ل �ش ل



25

ر ي  



الف

## ﺨﻠﻮﻁ؟



ال اأ تا

• ﹶﻛ ﹾﺄ ﹴﺱ

• ﹶﺭ ﹾﻣ ﹴﻞ

• ﹸﺑﺬﻭ ﹴﺭ

• ﹺﻣ ﹾﺼ ﹶﻔﺎﺓ

ﹶﺷ ﹼﻔﺎ ﹴﻑ • ﹺﻭﻋﺎ ﹴﺀ

**ﺍ ﹾﻟﻤ ﺕ**

**ﺼﻞ ﻣﻜﻮﻧﺎ**

**ﹸﻨﻨﻲ ﻓ ﻜ**

**ﻫﻞ ﻳﻤ**



     

ﻣﺎﺫﺍ ﺣﺪﺙ؟

ﹸﺒﺬﻭ ﹶﺭ. ﻞ ﺑﺎ ﹾﻟ

ﺍﻟﺮ ﹾﻣ ﻂ

ﺧ ﹺﻠ

**ﺣﻆ**. ﺃ

**ﺃ ﹶﻻ**

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ﺨ ﹸﻠﻮﻁ؟

ﻣﻜﻮﻧﺎﺕ ﺍ ﹾﻟﻤ

ﺼﻞ ﺑﻴﻦ

ﻒ ﺃ ﹾﻓ

ﻛ ﹾﻴ

**ﻮ ﱠﻗﻊ**.

###### ﺃ ﹶﺗ



∞o °ûµàn °SnCG

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 26

ل الثام ن - الد ر� الثاي - المخالي الف�ش



∞o °ûµàn °SnCG

ﻣﺎﺫﺍ ﺣﺪﺙ؟

ﺼﻔﺎﺓ.

ﺍ ﹾﻟﻤ ﻓﻲ

ﺨ ﹸﻠﻮﻁ

ﺿﻊ ﺍ ﹾﻟﻤ

**ﺼﻲ**. ﺃ

###### ﺃﺳ ﹶﺘ ﹾﻘ

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ﺣﺪﺙ ﺑﹺﺎﻟﺘ ﹾﺮﺗﻴﺐ.

ﺐ ﻣﺎ

ﻛ ﹸﺘ

**ﺷﻴﺎﺀ**. ﺃ

###### ﺐ ﺍﻷ

**ﺃﺭ ﱢﺗ**

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**ﺃﺳ ﹶﺘﻜﺸﻒ ﺃﻛ ﹶﺜﺮ**

ﺇﹺﺟﺎ ﹶﺑﺘﻲ. ﺴ ﹸﺮ

ﻪ؟ ﺃﻓ

ﹶﺀ ﺇﹺﻟﻴ ﻤﺎ

ﺖ ﺍ ﹾﻟ

ﺿ ﹾﻔ

ﻁ ﺇﹺﺫﺍ ﺃ

ﺨﻠﻮ

ﺼﻞ ﻣﻜﻮﻧﺎﺕ ﺍ ﹾﻟﻤ

ﺳﺘﻄﻴﻊ ﻓ

ﻫﻞ ﺃ

**ﺼﻲ**.

ﹸﺏ.

**ﺃﺳ ﹶﺘ ﹾﻘ**

ﺃ ﹶﺟ ﱢﺮ



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27

خالي

- الد ر� الثاي - الم �ش ل الثام ن

الف

## ﻐﻤﺮ



•o É°ûfn



ال اأ تا

• ﹶﺣ ﹾﻮ ﹺﺽ ﹶﻣﺎ ﹴﺀ

ﹴﺔ ﹶﻣ ﹾﻌ ﹺﺪﻧﹺ ﱠﻴ ﹴﺔ • ﹸﻋ ﹾﻤ ﹶﻠ

•ﻓﹺ ﱢﻠﻴﻦ

ﹸﻏ ﹾﺮ ﹶﻓ ﹺﺔ ﺍﻟﺼ ﱢﻒ • ﹶﺃ ﹾﺷ ﹶﻴﺎ ﹶﺀ ﹺﻣ ﹾﻦ

**ﺗ ﹾﻨ**

**ﺷ ﹶﻴﺎﺀ**

**ﹸﻔﻮ، ﻭ ﹶﺃ ﺗﻄ**

**ﺃﺷ ﹶﻴﺎﺀ**

ﻤﺎﺀ.

ﺍ ﹾﻟ ﻓﻲ

ﻤ ﹸﺮ

ﺗ ﹾﻨﻐ

ﹶﺀ ﺍ ﱠﻟﺘﹺﻲ ﻭﺍﻷﺷ ﹶﻴﺎ

ﹸﻔﻮ ﺗﻄ

ﺍ ﱠﻟﺘﹺﻲ ﺷ ﹶﻴﺎ ﹶﺀ

ﺃﺣﺪ ﹸﺩ ﺍﻷ

ﻋ ﹶﻠﻰ

ﹸﻔﻮ ﺗﻄ

ﱠﻗﻊ ﺃﻥ ﻮ

ﺃ ﹶﺗ ﺀ ﺍ ﱠﻟﺘﹺـﻲ

ﺑﹺﺎﻷﺷـﻴﺎ ﻤ ﹰﺔ

ﺐ ﻗﺎﺋﹺ

ﹸﺘ ﺃﻛ

**ﻮ ﱠﻗﻊ.**

**ﺃ ﹶﺗ**

ﻓﻴﻪ.

ﹾﻨﻐﻤ ﹶﺮ ﺗ

ﻊ ﺃﻥ

ﻮ ﱠﻗ

ﺃ ﹶﺗ

ﺍ ﱠﻟﺘﹺﻲ ﺀ

ﺷ ﹶﻴﺎ

ﺑﹺﺎﻷ ﻤ ﹰﺔ

ﻭ ﹶﻗﺎﺋﹺ

ﻤﺎﺀ،

ﺍ ﹾﻟ

|  |  |
| --- | --- |
| **ﹶﻴﺎﺀ ﺍ ﱠﻟﺘﹺﻲ ﹶﺗ ﹾﻨ ﹶﻐ ﹺﻤ ﹸﺮ ﺍﻷ ﹾﺷ** | **ﺍﻷ ﹾﺷ ﹶﻴﺎﺀ ﺍ ﱠﻟﺘﹺﻲ ﹶﺗ ﹾﻄ ﹸﻔﻮ** |
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ﻌﺎﺗﹺﻲ

ﺖ ﺗﻮ ﱡﻗ

ﻛﺎ ﹶﻧ

ﻟﻬﺎ؟ ﻫﻞ ﺙ

ﻻﺣﻆ ﻣﺎ ﻳﺤﺪ

ﻤﺎﺀ، ﻭ ﹸﺃ

ﹾﻟ ﻓﻲﺍ

ﺷ ﹶﻴﺎﺀ

ﻼ ﻣﻦ ﺍﻷ

ﺿﻊ ﻛ

**ﺼﻲ.** ﺃ

ﹶﺤ ﹰﺔ؟ ﺤﻴ

**ﺃﺳ ﹶﺘ ﹾﻘ**

ﹶﺻ



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2

ل الثام ن - الد ر� الثاي - المخالي الف�ش



∞o °ûµàn °SnCG

**ﺤﺮﻙ؟**



ال اأ تا

ﹾﺨ ﹺﺪ ﹸﻣ ﹶﻬﺎ ﻓﹺﻲ ﺍﻟﺼ ﱢﻒ • ﹶﺃ ﹾﺷﻴﺎ ﹶﺀ ﹶﺃ ﹾﺳ ﹶﺘ

**ﻗﺪ ﺗ**

**ﻑ ﺃﻥ ﺍﻟﺸﻲﺀ**

**ﻒ ﺃﻋﺮ**

**ﻛ ﹾﻴ**

ﻋﻠﻰ ﻃﺎﻭ ﹶﻟﺔ.

ﺷﻴﺎ ﹶﺀ

ﹶﺔ ﺃ ﺛﻼﺛ

ﺃﺿﻊ

ﻋﻠﻰ ﺍﻟﻄﺎﻭ ﹶﻟ ﹸﺔ؟

ﺷﻴﺎ ﹸﺀ

ﺪ ﺍﻷ

ﻦ ﺗﻮﺟ

**ﺃﻻﺣﻆ**. ﺃ ﹾﻳ

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ﺷﻴﺎﺀ.

ﹺﻩ ﺍﻷ ﻫﺬ

ﻙ ﺃﺣﺪ

ﺤ ﱢﺮ

ﺃﻥ ﻳ

ﺯﻣﻴﻠﻲ

ﺐ ﺇﻟﻰ

ﹸﻠ ﺃﻃ

ﻲ، ﺛﻢ

ﻋ ﹾﻴ ﹶﻨ ﺾ

ﺃﻏﻤ



     

29

ك ة ر  وال

ل - ال م و ق   - الد ر� االأ و �ش ل التا�ش

ال ف

ﻑ ﺫﻟﹺﻚ؟



∞o °ûµàn °SnCG

ﻒ ﺃﻋﺮ

ﻛ ﹾﻴ

ﺤﺮﻳﻜ ﹸﻪ؟

ﺗﻢ ﺗ

ﺍ ﱠﻟﺬﻱ ﻲ ﹸﺀ

ﻣﺎ ﺍﻟﺸ

ﹶﻨﻲ. ﻋ ﹾﻴ

ﺃ ﹾﻓ ﹶﺘﺢ **ﺞ**.

**ﺃﺳ ﹶﺘ ﹾﻨﺘﹺ**

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**ﺃﺳ ﹶﺘﻜﺸﻒ ﺃﻛ ﹶﺜﺮ**



ﺔ ﺍﻟﺸﻲﺀ

ﹶﻓ ﻣﻌﺮ

ﹾﻴﻬﺎ ﻋﻠﻰ ﻋ ﹶﻠ

ﺀ ﺍﻟﺘﻲ

ﺷ ﹶﻴﺎ

ﺔ ﻭﺍﻷ

ﻟﹺﻠﻄﺎﻭ ﹶﻟ ﺔ

ﺧﺮﻳﻄ

ﹶﻋﻤﻞ

ﻋﺪﻧﻲ

ﻳﺴﺎ

ﻫ ﹾﻞ ﹶ

**ﺃﺳ ﹶﺘ ﹾﻘﺼﻲ**.

ﺏ ﺫﻟﻚ.

ﺟ ﱢﺮ

ﺃ ﺤ ﱠﺮﻙ؟

ﺍ ﱠﻟﺬﻱ ﺗ

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 30

و ل - ال م و ق  وال  ر ك ة ال ف�ش ل التا�ش  - الد ر� اال



•o É°ûfn

**ﺗﺤﺮﻳﻚ ﻛﺮﺓ**



ال اأ تا

• ﹸﻛ ﹶﺮ ﹴﺓ

ﹺﺮﻳﻂ ﻻﺻ ﹴﻖ • ﹶﺷ



ﻌ ﱢﺮﺝ.



ﻣ ﹶﺘ

ﺴﺎﺭ

ﻭ ﹶﻣ

ﻘﻴﻢ

ﹶﺘ ﻣﺴ

ﻣﺴﺎﺭ

ﻟﹺ ﹶﻌﻤﻞ ﺻﻖ

ﺮﻳﻂ ﺍﻟﻼ

ﺨﺪ ﹸﻡ ﺍﻟﺸ

ﺃﺳ ﹶﺘ

ﻘﻴﻢ.

ﺴ ﹶﺘ

ﺴﺎﺭ ﺍﻟﻤ

ﹶﻠﻰ ﺍﻟﻤ ﻋ

ﺣﺮﺝ ﺍﻟﻜ ﹶﺮ ﹶﺓ

ﺃ ﹶﺩ

ﻘﻢ؟

ﺴ ﹶﺘ

ﺴﺎﺭ ﺍﻟﻤ

ﹶﻠﻰ ﺍﻟﻤ ﻋ

ﹶﺮ ﹶﺓ ﺖ ﺍﻟﻜ

ﺩ ﹶﻓﻌ

ﻛﻢ ﻣ ﱠﺮ ﹰﺓ

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ﻌ ﱢﺮﺝ؟

ﻤ ﹶﺘ

ﺴﺎﺭ ﺍﻟ

ﹶﻠﻰ ﺍﻟﻤ ﻋ

ﹶﺮ ﹶﺓ ﺖ ﺍﻟﻜ

ﺩ ﹶﻓﻌ

ﻛﻢ ﻣ ﱠﺮ ﹰﺓ

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ﺳ ﹶﺮﻉ؟

ﹶﺮ ﹸﺓ ﺃ ﺖ ﺍﻟﻜ

ﻛﺎ ﹶﻧ

ﹾﻳﻦ ﺴﺎ ﹶﺭ

ﻓﻲ ﺃﻱ ﺍﻟﻤ

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31

ك ة ر  وال



ل - ال م و ق   - الد ر� االأ و �ش ل التا�ش

ال ف

**ﻒ ﺃﺣﺮﻙ ﺍﻷﺷﻴﺎﺀ ؟**



∞o °ûµàn °SnCG

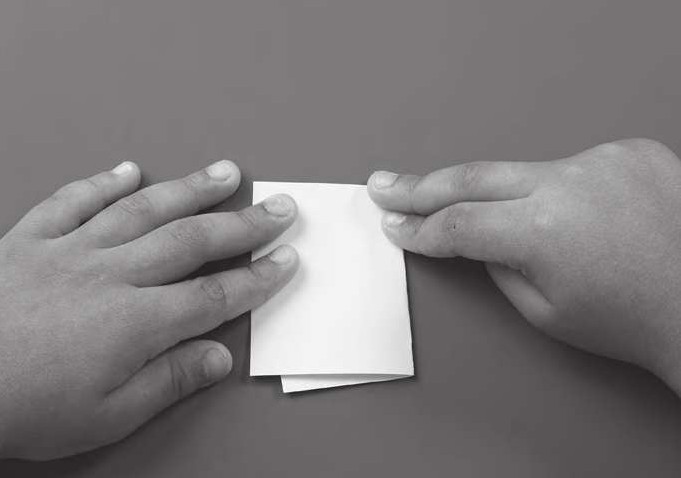


ال اأ تا

•ﺑﹺﻄﺎﻗﺎﺕ

**ﻛ ﹾﻴ**

ﺃﻃﻮﻱ ﺇﹺﺣﺪ￯ ﺍ ﹾﻟﺒﹺﻄﺎﻗﺎﺕ.



     

ﻄﺎ ﹶﻗ ﹸﺔ؟

ﺍ ﹾﻟﺒﹺ ﻙ

ﺤ ﱠﺮ

ﻒ ﺗ ﹶﺘ

ﻛ ﹾﻴ

ﺍ ﹾﻟﺒﹺﻄﺎ ﹶﻗﺔ. ﺤﺮﻳﻚ

ﹰﺔ ﻟﹺ ﹶﺘ ﹶﺘ ﹺﻠ ﹶﻔ ﻣﺨ

ﹰﻗﺎ ﻃ ﹸﺮ

ﱢﺮﺏ ﺟ

**ﺼﻲ.** ﺃ

**ﺃﺳ ﹶﺘ ﹾﻘ**

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 32

الثاي - الد ف  والش  ال ف�ش ل التا�ش  - الد ر�



∞o °ûµàn °SnCG

ﺗﻐﻴﻴﺮ؟

ﺩﻭﻥ

ﺑﻘﻲ

ﺍ ﱠﻟﺬﻱ ﻭﻣﺎ

ﻓﻲ ﺍ ﹾﻟﺒﹺﻄﺎ ﹶﻗﺔ؟ ﺗﻐ ﱠﻴ ﹶﺮ

**ﺃﻻﺣﻆ**. ﻣﺎ ﺍ ﱠﻟﺬﻱ

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### ﺃﺳ ﹶﺘﻜﺸﻒ ﺃﻛ ﹶﺜﺮ

ﺍ ﹾﻟﺒﹺﻄﺎ ﹶﻗ ﹸﺔ؟ ﻛ ﹾـﺖ ﺑﹺﻬﺎ

ﺤ ﱠﺮ

ﺴـﻬﺎ ﺍ ﱠﻟﺘﻲ ﺗ

ﻧ ﹾﻔ

ﻲ ﺑﹺﺎﻟﻄﺮﻳﻘﺔ

ﻮ ﹶﺭﻗ

ﻞ ﺍ ﹾﻟ

ﻤ ﹾﻨﺪﻳ

ﻙ ﺍ ﹾﻟ

ﺤ ﱠﺮ

ﺳـﻴ ﹶﺘ

ﹺ



**ﺞ.** ﻫﻞ

ﹸ

**ﺃﺳـﺘ ﹾﻨﺘﹺ**

ﺏ ﺫﻟﻚ .

ﺟ ﱢﺮ

ﻟﻤﺎﺫﺍ ؟ ﺃ

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والش

33

 



الثاي - الد ف  �ش ل التا�ش  - الد ر�

ال ف

**ﻗﻮ ﱠﻳ ﹲﺔ، ﻭﺩ ﹾﻓﻌ ﹲﺔ ﺧﻔﻴﻔ ﹲﺔ**



•o É°ûfn



ال اأ تا

• ﹸﻛ ﹶﺮ ﹴﺓ

ﹺﺮﻳﻂ ﻻﺻ ﹴﻖ • ﹶﺷ

•ﻗﻄﻌﺔ ﻣﻦ ﺍﻟ ﹶﺨ ﹶﺸﺐ

ﹶ

ﹴ ﹺ

• ﹶﺣ ﹶﺠﺮ

**ﻌ ﹲﺔ**

**ﺩ ﹾﻓ**

ﺼ ﹶﹺﻠ ﹾﻴﻦ؛



ﻣ ﹾﻨ ﹶﻔ ﹾﻴ ﹺـﻦ ﹶﺧﻄ

ﹸﺩ ﺣﺪ

ﹺﺻﻖ، ﻭ ﹸﺃ

ﺨﺪ ﹸﻡ ﺍﻟﺸـﺮﻳﻂ ﺍﻟﻼ ﹸ ﹺ ﹶ

ﺃﺳـﺘ

ﻬﺎﻳﺔ.

ﺧﻂ ﺍﻟﻨ

ﻞ ﺍﻟﺜﺎﻧﻲ

ﻭ ﻳﻤ ﱢﺜ

ﻞ ﺍﻷﻭﻝ ﺧﻂ ﺍ ﹾﻟﺒﺪﺍﻳﺔ،

ﻳﻤ ﱢﺜ

ﺤ ﱠﺮﻙ



ﺚ ﺗ ﹶﺘ

ﺤ ﹾﻴ

ﺑﹺ ﹺﺓ ﻜ ﹶﺮ

ﻟﹺﺪ ﹾﻓﻊ ﺍ ﹾﻟ ﺗ ﹾﻠ ﹶﺰ ﹸﻡ

ﹺﺓ ﺍ ﱠﻟﺘﹺﻲ ﺻ ﹶﻔ ﹸﺔ ﺍ ﹾﻟ ﹸﻘﻮ

**ﱠﻗﻊ.** ﻣﺎ **ﻮ**

**ﺃ ﹶﺗ**

ﻂ ﺍﻟﺜﺎﻧﹺﻲ؟

ﺍ ﹾﻟﺨ ﻝ ﺇﹺ ﹶﻟﻰ

ﻂ ﺍﻷﻭ

ﻣﻦ ﺍ ﹾﻟﺨ

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ﻂ ﺍﻟﺜﺎﻧﹺﻲ. ﻫﻞ

ﺇﹺ ﹶﻟﻰ ﺍ ﹾﻟﺨ ﻝ، ﺛﻢ

ﹶﻟﻰ ﺍ ﹾﻟﺨـﻂ ﺍﻷﻭ ﻜ ﹶﺮ ﹶﺓ ﺇﹺ

ﺃ ﹾﺩ ﹶﻓـﻊ ﺍ ﹾﻟ

ﻌ ﹶﺘﺎﻥ؟



ﺖ ﺍﻟﺪ ﹾﻓ

ﺍﺧ ﹶﺘ ﹶﻠ ﹶﻔ

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ﻂ ﺍﻟﺜﺎﻧﹺﻲ.

ﺍ ﹾﻟﺨﺸـﺐ ﺇﻟـﻰ ﺍ ﹾﻟﺨ ﻄﻌﺔ

ﻭ ﹺﻗ

ﻭﺍ ﹾﻟﺤﺠﺮ،

ﻜـﺮ ﹺﺓ،

ﻛﻼ ﻣﻦ ﺍ ﹾﻟ ﺃ ﹾﺩ ﹶﻓـﻊ

**ﺷـﻴﺎﺀ.**

**ﺃﺭ ﱢﺗـﺐ ﺍﻷ**

ﺮ ﺇﹺ ﹶﻟﻰ ﺍﻷ ﹶﻗﻞ.



ﻛ ﹶﺒ

ﻣﻦ ﺍﻷ

ﻛ ﹾﺘﻬﺎ

ﺣ ﱠﺮ

ﺍ ﱠﻟﺘﹺﻲ ﻊ(

)ﺍﻟﺪ ﹾﻓ ﻮ ﹺﺓ

ﹸﻘ ﻖ ﺍ ﹾﻟ

ﻭ ﹾﻓ ﹶﻴﺎ ﹶﺀ ﺷ

ﺃ ﹶﺭ ﱢﺗﺐ ﺍﻷ

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الثاي - الد ف  والش  ال ف�ش ل التا�ش  - الد ر�



äGQÉ¡ªn dG ≈∏Yn õo cu QCG

**ﺳ ﹶﺘ ﹾﻨﺘﹺﺞ**

**ﺼﺎﺀ: ﺃ**

**ﻣﻬﺎﺭ ﹸﺓ ﺍﻻﺳﺘﹺ ﹾﻘ**

ﻬﺎ ﻋﻦ

ﺕ ﺃﻋﺮ ﹸﻓ

ﹸﻠﻮﻣﺎ ﻣﻌ

ﻋ ﹶﻠﻰ

ﻤﺪﺍ

ﹶﺘ ﻣﻌ

ﻣﺎ؛

ﺷﻲﺀ

ﹶﻓﺔ ﻣﻌﺮ

ﺇﹺ ﹶﻟﻰ ﺻﻞ

ﺃ ﹶﺗﻮ

ﻓﺈﹺ ﱠﻧﻨﹺﻲ

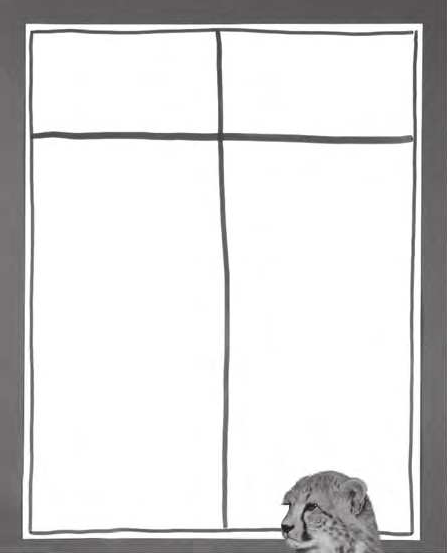
ﹾﻨﺘﹺﺞ ﺃﺳ ﹶﺘ

ﹺ

ﹶﺪﻣﺎ ﹾﻨ ﻋ ﹶ

ﻫﺬﺍ ﺍﻟﺸﻲﺀ.

**ﻌ ﱠﻠﻢ**



ﹶﺃ ﱡﻳ ﹸﻬ ﹶﻤﺎ ﹶﺃ ﹾﺳ ﹶﺮ ﹸﻉ؛ ﹸﻣ ﹾﻌ ﹶﺘ ﹺﻤ ﹰﺪﺍ ﹶﻋ ﹶﻠﻰ ﹶﻣﺎ ﹶﻳ ﹾﻌ ﹺﺮ ﹸﻓ ﹸﻪ ﺇﹺ ﹾﺑ ﹶﺮﺍ ﹺﻫﻴ ﹸﻢ ﺇﹺ ﹶﻟﻰ ﹸﺻﻮ ﹶﺭ ﹺﺓ ﺍﻟﻔ ﹾﻬ ﹶﺪ ﹾﻳ ﹺﻦ، ﹶﻭﺍ ﹾﺳ ﹶﺘ ﹾﻨ ﹶﺘ ﹶﺞ ﻧ ﹶﻈ ﹶﺮ

ﱠﺪ ﺟ ﹾﺪﻭ ﹰﻻ ﻳ ﹶﺪﻭ ﹸﻥ ﹺﻓﻴ ﹺﻪ ﹶﺃ ﹾﻓ ﹶﻜﺎﺭﻩ. ﻃﻮ ﹺﻝ ﹶﺃﺭﺟ ﹺﻠ ﹺﻬﻤﺎ. ﹸﺛﻢ ﹶﺃﻋ

?èo àp æàn °SnCG GPn Ée

n ?±

o ôp YnCG GPn Ée

™«£p àn °ùjn ô«Ñp µdG óp ¡Øn ∏d

ô«Ñp µdG óo ¡ØdG ∫o ƒn WnCG πo o Lo QnCG

¢†côdG

´n ôn °SnCG πm µ°ûH

p óp ¡ØdG

πp Lo Qﹾ nCG øe

óp ¡ØdG øep ô«¨p °üd G

ô«¨p °üd G

ﻋﻦ

ﹶ ﹶ ﹶ ﹸ ﱢ ﹶ ﹸ ﹾ ﹸ ﹶ ﱠ

**ﺃﺗ** �

35

ة ك ر  ال - 

ا�ش ل الت ف �ش ال

**ﺃﺟﺮﺏ**



äGQÉ¡ªn dG ≈∏Yn õo cu QCG

ﺼﺎﻥ.

ﻑ ﻭﺍﻟﺤ

ﺨ ﹸﺮﻭ

ﻣﻦ ﺍﻟ

ﹶﺭ ﹺﺓ ﻛﻞ ﺻﻮ

ﺇﹺ ﹶﻟﻰ ﻈ ﹸﺮ

ﺃ ﹾﻧ





ﻮﺍ ﹶﻧ ﹾﻴﻦ؟

ﺤ ﹶﻴ

ﻣﻦ ﺍﻟ

ﺟﺴﻢ ﻛﻞ

ﻋ ﹶﻠﻰ

ﺃ ﹶﻻﺣﻆ

ﻣﺎﺫﺍ

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ﺃﻱ ﺍﻟﺤ ﹶﻴﻮﺍ ﹶﻧ ﹾﻴﻦ ﻳﻌﺪﻭ ﺃﺳ ﹶﺮﻉ؟ ﻟﹺﻤﺎﺫﺍ؟



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ﻮﺍ ﹶﻧ ﹾﻴﻦ

ﺤ ﹶﻴ

ﺍﻟ ﻱ

ﹾﻨﺘﹺﺞ ﺃ ﹶﻷﺳ ﹶﺘ

ﹸﺘ ﹸﻪ ﺨﺪ ﹾﻣ

ﺳ ﹶﺘ

ﺬﻱ ﺍ

ﻞ ﺍ ﱠﻟ

ﻣﺎ ﺍﻟﺪﻟﹺﻴ

ﹶﺮﺍﻫﻴﻢ. ﻝ ﺇﹺ ﹾﺑ

ﺟﺪﻭ

ﹸﻪ ﺸﺒﹺ

ﺃﻋﻤﻞ ﺟﺪﻭ ﹰﻻ ﻳ

ﺃﺳ ﹶﺮﻉ؟



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ال ف�ش ل التا�ش  - ال  ر ك ة



∞o °ûµàn °SnCG

**ﺷﻴﺎﺀ؟**



ال اأ تا

ﹴﻕ ﺑﻼﺳﺘﻴﻜﻴ ﹴﺔ • ﹶﺃ ﹾﻃﺒﺎ

• ﹸﺯ ﹾﺑ ﹴﺪ

ﹶﺒ ﹼﻲ ﹶﺛ ﹾﻠ ﹴﺞ • ﹸﻣ ﹶﻜ ﱠﻌ

ﹶﺷ ﹾﻤ ﹴﻊ • ﹶﺃ ﹾﻗﻼ ﹺﻡ

**ﺍﻷ ﺭ ﹸﺓ**

**ﺤﺮﺍ**

## ﺮ ﺍ ﹾﻟ

**ﻒ ﺗﻐ ﱢﻴ**

**ﻛ ﹾﻴ**

ﺃ ﹾﻗﻼ ﹺﻡ ﹴ ﺾ



ﻭ ﹶﺑﻌ

ﹶﻦ ﺍﻟﺰ ﹾﺑﺪ، ﻣ

ﹶ

ﹰﺔ ﻗﻄﻌ

ﹶﺒ ﹶﻘ ﹾﻴﻦ ﻣﻦ ﺍﻟﻄ

ﻊ ﻓﻲ ﻛﻞ

ﹶ

ﺃﺿـ

ﻣﻜﺎﻥ

ﻦ ﻓﻲ

ﺣﺪ ﺍﻟﻄﺒﻘﻴ

ﺿﻊ ﺃ

ﺞ، ﹸﺛﻢ ﺃ

ﹺ

ﺐ ﺛ ﹾﻠ

ﱠﻌ ﻭ ﹸﻣﻜ

ﺍﻟﺸ ﹾﻤﻊ،

ﹴ



ﻣﻜﺎﻥ ﺑﺎﺭﺩ.

ﺩﺍﻓﺊ، ﻭﺍﻵﺧ ﹶﺮ ﻓﻲ

|  |  |
| --- | --- |
|  |       |
|  | |

ﻣﻦ ﺍﻟﻄ ﹶﺒ ﹶﻘ ﹾﻴﻦ؟

ﺀ ﻓﻲ ﻛﻞ

ﻸﺷﻴﺎ

ﺙ ﻟﹺ

ﺳ ﹶﻴﺤﺪ

ﻣﺎﺫﺍ

**ﺃﺗﻮ ﱠﻗﻊ**.

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37

ل - الاق ة وال رار  �ش ل العاش ر - الد ر� االأ و

الف

ﺷﻴﺎ ﹸﺀ؟

ﺕ ﺍﻷ

ﱠﻴ ﹶﺮ ﻒﺗﻐ

ﻛ ﹾﻴ

ﺩﻗﺎﺋﹺﻖ.

ﹶﺮ ﻋﺸ

ﻈ ﹸﺮ

**ﺃﻻﺣﻆ.** ﺃ ﹾﻧ ﹶﺘ

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ﺷﻴﺎ ﹶﺀ؟

ﹶﺮ ﺍﻷ ﻏ ﱠﻴ

ﺍ ﱠﻟﺬﻱ ﻣﺎ

**ﺃﺳ ﹶﺘ ﹾﻨﺘﹺﺞ.**

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**ﺃﺳ ﹶﺘﻜﺸﻒ ﺃﻛ ﹶﺜﺮ**



ﻫﻞ ﺗﻐ ﱠﻴ ﹶﺮﺕ؟

ﺷﻴﺎ ﹶﺀ.

ﺺ ﺍﻷ

ﺛﻢ ﺃﻓﺤ

ﹶﺮ، ﻛ ﹶﺜ

ﹾﻴﻦ ﺃﻭ ﺃ ﻋ ﹶﺘ

ﺃ ﹾﻧ ﹶﺘﻈﺮ ﺳﺎ **ﺼﻲ**.

**ﺃﺳ ﹶﺘ ﹾﻘ**



∞o °ûµàn °SnCG

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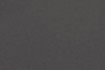
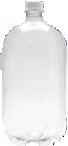
 3

االأ و ل - الاق ة وال رار  الف�ش ل العاش ر - الد ر�



•o É°ûfn

**ﺭ ﹸﺓ**



ال اأ تا

ﹶﺘ ﹾﻴ ﹺﻦ • ﹸﺯﺟﺎﺟ

ﹾﺑ ﹶﻴ ﹶﺾ ﹶﺭ ﹴﻕ ﹶﺃ • ﹶﻭ

ﹾﺳ ﹶﻮ ﹶﺩ ﹶﺭ ﹴﻕ ﹶﺃ • ﹶﻭ

ﹸﻟﻮ ﹶﻧﻴﻦ • ﹶﺑﺎ

**ﺤﺮﺍ**

## ﻭﺍ ﹾﻟ

**ﺍﻷ ﹾﻟﻮﺍﻥ**

ﹶﺘ ﹾﻴﻦ ﺑﹺـﻮ ﹶﺭﻕ ﺃ ﹾﺑ ﹶﻴﺾ، ﺣـﺪ￯ ﺍﻟﺰﺟﺎﺟ

ﺃ ﹸﻟـﻒ ﺇﹺ

ﻕ ﺃﺳﻮ ﹶﺩ.



ﻭﺍﻷﺧﺮ￯ ﺑﹺ ﹶﻮ ﹶﺭ

ﻦ. ﺃ ﱡﻳ ﹸﻬﻤـﺎ

ﺇﹺﻟـﻰ ﺍﻟﺰﺟﺎﺟ ﹶﺘ ﹾﻴـ ﺃ ﹾﻧﻈـﺮ

**ﹸـﻊ. ﻮ ﱠﻗ**

**ﺃ ﹶﺗ**

ﻓﻲ ﻣﻜﺎﻥ



ﹶﺜ ﹶﺮ ﻋ ﹾﻨﺪ ﻭﺿﻌﻬﻤﺎ ﺨﻦ ﺃﻛ

ﺳ ﹶﺘﺴـ ﹺ

ﻣﺸﻤﺲ؟

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ﻦ، ﺛﻢ ﺃﺿ ﹸﻌ ﹸﻬﻤﺎ

ﺍﻟﺰﺟﺎﺟ ﹶﺘ ﹾﻴ ﻣﻦ

ﺖ ﺑﺎﻟﻮ ﹰﻧﺎ ﻋﻠﻰ ﻓﻮﻫﺔ ﻛﻞ

ﺃﺛ ﱢﺒـ

ﻣﺸﻤﺲ.



ﻓﻲ ﻣﻜﺎﻥ

ﹸ



ﺣﺼﻞ ﻟ ﹾﻠﺒﺎﻟﻮ ﹶﻧ ﹾﻴﻦ؟

ﻣﺎﺫﺍ

ﺲ ﺍﻟﺰﺟﺎﺟ ﹶﺘ ﹾﻴﻦ.

**ﺃﻻﺣﻆ.**ﺃ ﹾﻟﻤ

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ﺦ ﺍﻵﺧ ﹸﺮ؟

ﹶﺘﻔ ﻳ ﹾﻨ

ﻭ ﹶﻟﻢ

ﺍ ﹾﻟﺒﺎﻟﻮ ﹶﻧ ﹾﻴﻦ، ﺦ ﺃﺣﺪ

ﺍ ﹾﻧ ﹶﺘ ﹶﻔ **ﺞ.** ﻟﹺﻤﺎﺫﺍ

**ﺃﺳ ﹶﺘ ﹾﻨﺘﹺ**

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ل - الاق ة وال رار  �ش ل العاش ر - الد ر� االأ و

الف

## ﻫﺎ ؟



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ال اأ تا

ﹾﻧﺒﻮﺏ ﹶﻛ ﹾﺮﺗﻮﻧﹺ ﱟﻲ • ﹸﺃ

ﹶﻗﺎﺋ ﹺﻖ ﹶﺃ ﹸﻟﻮﻣﻨﹾﻴﻮ ﹴﻡ • ﹶﺭ

ﹶﻭ ﹶﺭ ﹴﻕ ﹸﻣ ﹶﺸ ﱠﻤ ﹴﻊ •

ﹾﻐﻠﻴ ﹴﻒ ﺑﻼﺳﺘﻴﻜ ﱟﻲ •ﻭﺭ ﹺﻕ ﹶﺗ

• ﹶﻣ ﹼﻄﺎ ﹴﻁ

**ﻋ ﹾﺒﺮ**

**ﻳﻤﺮ ﺍﻟﻀﻮﺀ**

**ﻤﻮﺍﺩ ﺍ ﱠﻟﺘﻲ**

**ﻣﺎ ﺍ ﹾﻟ**

ﻫﻞ ﺃﺭ￯



ﻜ ﹾﺮﺗﻮﻧﻲ.

ﺍﻷ ﹾﻧﺒـﻮﺏ ﺍ ﹾﻟ ﺧﻼﻝ

ﹸﺮ ﻣـﻦ ﻈ

**ﺃﻻﺣ ﹸـﻆ.** ﺃ ﹾﻧ

ﺧﻼﻟﹺﻪ؟

ﹶﺀ ﻣﻦ ﻮ

ﺍﻟﻀ

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ﹶ ﹺ ﹸ

ﻮ ﹶﺀ

ﻫﻞ ﺃﺭ￯ ﺍﻟﻀ

ﺍﻷ ﹸﻟﻮﻣ ﹾﻨﻴﻮﻡ. ﻕ

ﺑﹺ ﹶﻮ ﹶﺭ ﻑ ﺍﻷ ﹾﻧﺒﻮﺏ

ﻃ ﹶﺮ

ﺃﻏﻄﻲ

ﺍﻵﻥ؟



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     

ﻐﻠﻴﻒ

ﺍﻟﺘ ﻕ

ﻭ ﹶﺭ

ﺨﺪﺍﻡ

ﺳﺘﹺ

ﻢ ﺑﹺﺎ

ﻊ، ﺛ

ﹶﺭﻕ ﺍﻟﻤﺸﻤ ﻮ

ﺨﺪﺍﻡ ﺍ ﹾﻟ

ﺑﹺﺎﺳﺘﹺ ﺠﺮ ﹶﺑ ﹶﺔ

**ﺕ.** ﺃﻋﻴﺪ ﺍﻟﺘ

**ﺃﺳﺠﻞ ﺍ ﹾﻟ ﹶﺒﻴﺎﻧﺎ**

ﻛﻞ ﺣﺎﻟﺔ؟



ﺀ ﻓﻲ

ﹶﺔ ﺍﻟﻀﻮ ﺭﺅ ﹶﻳ

ﺃﺳ ﹶﺘﻄﻴﻊ ﻫﻞ

ﺍﻟﺒﻼﺳﺘﻴﻜﻲ.

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ر� الثاي - الش و  وال�ش و  الف�ش ل العاش ر - الد



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ﺮﻫﺎ ؟

ﻏ ﹾﻴ

ﹶﺮ ﻋ ﹾﺒ

ﱡﺮ ﻳﻤ

ﻭ ﹶﻻ

ﻤﻮﺍﺩ

ﺾ ﺍ ﹾﻟ

ﹶﺮ ﺑﻌ ﻋ ﹾﺒ

ﻮ ﹸﺀ

ﱡﺮ ﺍﻟﻀ ﻳﻤ

ﻤﺎﺫﺍ

**ﺞ**. ﻟﹺ

###### ﺃﺳ ﹶﺘ ﹾﻨﺘﹺ

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**ﺃﺳ ﹶﺘﻜﺸﻒ ﺃﻛ ﹶﺜﺮ**



ﺏ ﺫﻟﹺﻚ.

ﱢﺮ ﺃﺟ

ﺧﻼﻟﹺﻬﺎ؟

ﺭ ﻣﻦ

ﻤﺮﻭ

ﺑﺎﻟ ﺀ

ﺢ ﻟﻠﻀﻮ

ﺗﺴﻤ

ﹶﺮ￯ ﺍ ﱠﻟﺘﻲ ﺧ

ﻤﻮﺍﺩ ﺍﻷ

**ﺃﺗﻮ ﱠﻗﻊ**. ﻣﺎ ﺍ ﹾﻟ

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- الش و  وال�ش و  �ش ل العاش ر - الد ر� الثاي

الف

## ﻣﺮﺁﺓ.



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ال اأ تا

ﹶﺻ ﹺﻐﻴﺮ ﹴﺓ • ﹺﻣ ﹾﺮﺁﺓ

ﹶﻳ ﹶﺪ ﹺﻭ ﱟﻱ • ﹺﻣ ﹾﺼ ﹶﺒﺎﺡ

**ﺨﺪﺍﻡ**

**ﻄﺎ ﺑﹺﺎﺳﺘﹺ**

**ﺣﺎﺋﹺ**

**ﺃﺿﻲﺀ**

ﻣ ﹾﺮﺁﺓ؟

ﻧﺤﻮ

ﺿﻮ ﹰﺀﺍ

ﻭﺟﻬﺖ

ﹶﺫﺍ ﺙ ﺇﹺ

ﻳﺤﺪ

ﺍ ﱠﻟﺬﻱ ﻣﺎ

**ﻮ ﱠﻗﻊ.**

**ﺃ ﹶﺗ**

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**ﹶﺒ ﹶﻴﺎﻧﺎﺕ.** ﺃﻃﻔﺊ ﺍﻷﺿﻮﺍ ﹶﺀ ﻭ ﹶﺃﺟﻌﻞ ﺍ ﹾﻟ ﹸﻐ ﹾﺮ ﹶﻓ ﹶﺔ ﻣﻈ ﹺﻠﻤ ﹰﺔ. **ﺃﺳﺠﻞ ﺍ ﹾﻟ**



ﺃﻭﺟ ﹸﻪ ﺿﻮ ﹰﺀﺍ ﻧﺤﻮ ﺍ ﹾﻟﻤ ﹾﺮﺁﺓ. ﻣﺎ ﺍ ﱠﻟﺬﻱ ﻳﺤﺪﺙ؟

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ﻤ ﹾﺮﺁﺓ؟

ﺍ ﹾﻟ ﻡ

ﺨﺪﺍ

ﺳﺘﹺ

ﻂ ﺑﹺﺎ

ﺤﺎﺋﹺ

ﹶﺀ ﺍ ﹾﻟ ﺿﻲ

ﺃﻥ ﺃ

ﻜ ﹸﻨﻨﹺﻲ

ﻒ ﻳﻤ

ﻛ ﹾﻴ

**ﺼﻲ.**

**ﺃﺳ ﹶﺘ ﹾﻘ**

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ر� الثاي - الش و  وال�ش و  الف�ش ل العاش ر - الد

∞o °ûp µàn °SnCG

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- الش و  وال�ش و  ر - الد ر � الث اي الف �ش ل العاش



